Powder Diffraction File™

Alphabetical Indexes

for Experimental Patterns

Inorganic Phases

Sets 1-52

Alphabetical Index
Mineral Name Index
Mineral Classification Index
Miscellaneous Common Names Indexes
Zeolite and Molecular Sieve Indexes
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International Centre for Diffraction Data

ICDD

ISO 9001:1994

EXHIBIT B

Powder Diffraction File

PDF

Alphabetical Indexes for Experimental Patterns

Inorganic Phases

Sets 1–52

Compiled by the International Centre for Diffraction Data in cooperation with:

American Ceramic Society
American Crystallographic Association
American Society for Testing and Materials
Australian X-Ray Analytical Association
British Crystallographic Association
The Ceramic Society of Japan
The Clay Minerals Society
Deutsche Gesellschaft für Kristallographie
Deutsche Mineralogische Gesellschaft
The Institute of Physics
The Mineralogical Association of Canada
The Mineralogical Society of America
Mineralogical Society of Great Britain and Ireland
Société Française de Minéralogie et de Cristallographie

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Zeolite and Molecular Sieve Indexes

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Zeolite Structure Type Name—Code

Zeolite Name	PDF#	QM	3 Strongest Reflections			Cell Parameters a	b	c	Cell Angles α	β	γ	Crys. Sys.	Chemical Formula
Li-A(BW)—ABW													
ABW (Li)	46- 631	i	2.52_x	4.02_4	2.78_5	8.23	5.03	8.27	90.00	107.46	90.00	M	$LiAlSiO_4$
APZ-10	52-1408	i	8.59_x	3.31_8	3.10_5	10.85	8.29	5.16	90.00	90.00	90.00	O	$LiZnAsO_4 \cdot H_2O$
DFZ-1A	48- 517	i	2.98_x	6.03_5	2.88_7	7.82	9.66	4.74	90.00	90.00	90.00	O	$Li_4Be_4P_4O_{16} \cdot 4H_2O$
DFZ-1B	48- 518	i	3.09_x	6.27_x	2.98_9	8.02	10.04	4.85	90.00	90.00	90.00	O	$Li_4Be_4As_4O_{16} \cdot 4H_2O$
DFZ-1C	48- 519		6.42_x	3.02_6	3.21_6	8.12	10.49	4.85	90.00	90.00	90.00	O	$Li_4Zn_4P_4O_{16} \cdot 4H_2O$
DFZ-1D	47- 251	★	6.58_x	3.31_8	3.10_4	8.29	10.62	5.16	90.00	90.00	90.00	O	$Li_4Zn_4As_4O_{16} \cdot 4H_2O$
Lithium Zinc Phosphate Hydrate	52-1483	★	6.38_x	4.28_7	3.04_7	10.03	16.55	5.01	90.00	90.00	90.00	O	$LiZnPO_4 \cdot H_2O$
Unnamed zeolite	48- 502	i	3.11_x	4.69_8	3.26_5	8.28	9.40	5.40	90.00	90.00	90.00	O	$TiAlSiO_4$
Ga ABW	44- 51	C	6.46_x	3.21_8	3.04_7	10.47	8.21	5.03	90.00	90.00	90.00	O	$LiGaSiO_4 \cdot H_2O$
Ti ABW (Ti)	45- 132	C	4.69_x	3.11_8	3.27_7	8.30	9.42	5.41	90.00	90.00	90.00	O	$Ti_{1.1}AlSiO_4$
ABW, (Li)	27-1211	i	6.44_x	3.17_8	3.03_7	8.18	10.31	5.00	90.00	90.00	90.00	O	$LiAlSiO_4 \cdot 2H_2O$
ABW, (Li)	39- 160	O	3.17_x	5.41_x	3.03_6							X	$Li_2Al_2Si_2O_8 \cdot 2H_2O$
ABW, (Li)	39- 215	C	6.41_x	3.03_8	3.17_8	10.31	8.18	5.00	90.00	90.00	90.00	O	$Li_{3.84}Al_{3.84}Si_{4.35}O_{16.0} \cdot 3.92H_2O$
ABW, (Li)	40- 63	O	3.96_x	2.74_6	5.48_5							X	$Li_2Al_2Si_2O_8 \cdot 0.18H_2O$
ABW, (Li)	41- 554	C	3.03_x	3.17_x	6.42_9	10.31	8.19	4.99	90.00	90.00	90.00	O	$Li_4Al_4Si_4O_{16} \cdot 4H_2O$
ABW, (Li)	47- 27		4.02_x	3.94_x	3.17_7	7.23	10.27	12.05	90.00	90.00	90.00	O	$LiAlSiO_4$
ACP-1—ACO													
ACP-1	49- 624	C	7.02_x	3.22_6	3.24_4	10.24	10.24	9.65	90.00	90.00	90.00	T	$C_8H_{40}N_8 \cdot [Al_{0.88}Co_{7.12}P_8O_{32}] \cdot 4H_2O$
AlPO4-18—AEI													
AlPO4-18	43- 568	O	9.21_x	5.24_8	4.24_5							X	$AlPO_4 \cdot 0.45H_2O$
AlPO4-18	45- 117	C	9.20_x	5.20_8	4.22_4	13.51	12.62	18.44	90.00	95.55	90.00	M	$(AlPO_4)_8(((C_8H_8)_4N)_{0.96}(OH))$
AlPO4-18	45- 118	C	9.33_x	8.34_2	5.25_1	13.71	12.73	18.57	90.00	90.01	90.00	M	$AlPO_4$
AlPO4-18	47- 608	O	9.31_x	5.22_2	5.16_2							X	$AlPO_4$
AlPO4-11—AEL													
AlPO4-11	41- 556	C	10.9_x	9.24_8	4.19_8	13.53	18.48	8.37	90.00	90.00	90.00	O	$Al_{20}P_{20}O_{80}$
AlPO4-11	43- 563		4.23_x	3.93_8	3.83_7	13.47	18.71	8.44	90.00	90.00	90.00	O	$AlPO_4 \cdot 0.24H_2O$
AlPO4-11	47- 599	O	4.06_x	5.50_5	3.79_5							X	$AlPO_4$
MnAPSO-11	48- 104	O	4.21_x	3.83_8	3.93_6							X	Mn-Al-Si-P-O-H_2O-$(C_3H_7)_2NH_2$
MnAPO-11	41- 555	C	4.22_x	3.84_7	4.02_5	13.47	18.71	8.44	90.00	90.00	90.00	O	$Al_{18}Mn_2P_{20}O_{80}(C_8H_{18}N)_2$
MAPO-11	41- 23	i	9.32_x	4.21_8	10.9_6	18.67	13.37	8.42	90.00	90.00	90.00	O	$C_{12}H_{32}N_2 \cdot Al_{20}H_2O_{80}P_{18}Si_2$
SAPO-11	41- 24	i	5.51_x	4.06_x	9.02_x	18.05	13.80	8.13	90.00	90.00	90.00	O	$Al_{20}H_2Si_2P_{18}O_{80} \cdot 16H_2O$
SAPO-11	42- 428	O	4.23_x	3.84_7	3.95_6							X	$C_8H_{18}N\text{-}Al_2O_3\text{-}SiO_2\text{-}P_2O_5\text{-}H_2O$
SAPO-11	46- 647	O	4.24_x	3.92_8	4.37_5							X	$C_{12}H_{29}NO\text{-}H_2OAl_2O_3\text{-}SiO_2\text{-}P_2O_5$
SAPO-11	47- 613	O	4.17_x	3.99_3	3.82_6							X	$Al_{0.57}Si_{0.04}P_{0.39}O_2$
SAPO-11	47- 614	O	4.05_x	5.50_8	3.79_9							X	$Al_2Si_{0.35}P_{1.74}O_{8.08}$
MAPSO-11	46- 847	O	4.23_x	3.83_9	3.93_6							X	$Co_{.42}H_{1.06}Al_{0.48}N_{0.07}O_2P_{0.47}Si_{0.04}Ti_{0.01} \cdot 0.07[(C_3H_7)_2NH](Ti_{0.01}$ ...
MAPSO-11	46- 848	O	4.08_x	6.51_8	3.80_6							X	$Al_{0.48}O_2P_{0.47}Si_{0.04}Ti_{0.01}$
AlPO4-8—AET													
AlPO4-8	43- 561	O	13.6_x	4.19_8	16.7_8							X	$Al_2P_{1.94}O_{7.85} \cdot 3H_2O$
AlPO4-8	46- 551	C	13.3_x	16.6_x	4.13_x	33.29	14.46	8.26	90.00	90.00	90.00	O	$Al_{36}P_{36}O_{144}$
AlPO4-8	47- 245	O	16.4_x	13.6_9	4.17_7							X	Al-P-O
Afghanite—AFG													
Afghanite	46-1264	★	3.69_x	3.30_8	4.83_3	12.80	12.80	21.41	90.00	90.00	120.00	H	$(Na,Ca,K)_8(Si,Al)_{12}O_{24}(SO_4,Cl)_2$
AlPO4-5—AFI													
AlPO4-5	39- 216	C	11.9_x	3.96_x	4.21_x	13.71	13.71	8.43	90.00	90.00	120.00	H	$Al_{12}P_{12}O_{48}[(C_3H_7)_4N]OH$
AlPO4-5	40- 71		11.8_x	3.96_7	4.24_4	13.73	13.73	8.48	90.00	90.00	120.00	H	$AlPO_4 \cdot xH_2O$
AlPO4-5	41- 44	i	11.9_x	3.96_7	4.48_6	13.71	13.71	8.46	90.00	90.00	120.00	H	$AlPO_4$
AlPO4-5	41- 557	C	11.9_x	3.97_4	4.24_4	13.74	13.74	8.47	90.00	90.00	120.00	H	$Al_{12}P_{12}O_{48}(C_3H_7)_4NF$
AlPO4-5	44- 44	C	11.9_x	4.51_x	4.19_1	13.77	13.77	8.38	90.00	90.00	120.00	H	$AlPO_4$
AlPO4-5	48-1080	i	11.9_x	3.97_5	4.50_4	13.71	13.71	8.43	90.00	90.00	120.00	H	$C_9H_{21.76}N_{0.76}O_{0.76} \cdot Cr_{0.02}Al_{0.98}PO_4 \cdot 20H_2O$
CoAPO-5	50- 612		11.4_x	4.43_8	3.92_7	13.61	13.61	8.38	90.00	90.00	120.00	H	$Al_{12}Co_{0.5}(PO_4)_{12}(C_2H_5)_2NCH_2CH_2OH$
MgCoAPO-5	48- 684	★	3.98_x	4.22_6	4.51_5	13.77	13.77	8.43	90.00	90.00	120.00	H	$Mg_{0.21}Co_{0.19}Al_{1.62}P_2O_{7.83} \cdot 0.92H_2O \cdot 0.2O(C_2H_5O)_3N$
MnCoAPO-5	48- 685	★	3.98_x	4.52_9	12.0_9	13.81	13.81	8.44	90.00	90.00	120.00	H	$Mn_{0.17}Co_{0.23}Al_{1.64}P_2O_{7.86} \cdot 1.02H_2O \cdot 0.2O(C_2H_5O)_3N$
SAPO-5	47- 618	O	12.0_x	3.99_9	4.21_7							X	$Al_{0.47}Si_{0.06}P_{0.45}O_2 \cdot 0.04C_{12}H_{29}N \cdot 0.13H_2O$
SAPO-5	47- 619	O	11.8_x	3.93_x	4.17_6							X	$Al_{0.47}Si_{0.08}P_{0.45}O_2$
SAPO-5	49- 659	O	3.97_x	4.23_7	4.49_6							X	$Al_2O_3 \cdot P_2O_5 \cdot 0.2SiO_2 \cdot 1.5(C_2H_5)_3N \cdot 40H_2O$
SS-24	45- 130	C	11.8_x	4.47_x	3.94_x	13.67	13.67	8.33	90.00	90.00	120.00	H	SiO_2
SS-24	45- 131	C	6.45_x	3.92_x	11.8_x	13.60	13.60	8.28	90.00	90.00	120.00	H	SiO_2
MAPSO-5	46- 845	O	3.99_x	12.1_9	4.25_9							X	$Co_{.485}H_{1.124}Al_{0.48}N_{0.054}O_2P_{0.48}Si_{0.01}Ti_{0.03} \cdot 0.054[(C_3H_7)_2N](Ti_{0.03}$ ...
MAPSO-5	46- 846	O	11.8_x	3.95_6	4.23_4							X	$Al_{0.48}O_2P_{0.48}Si_{0.01}Ti_{0.03}$
Unnamed zeolite	47- 680	★	4.46_x	11.8_x	3.83_9	13.62	13.62	8.30	90.00	90.00	120.00	H	$24SiO_2 \cdot C_{12}H_{25}NO$
AlPO-14—AFN													
AlPO4-14	43- 565	O	9.61_x	3.92_4	9.41_3							X	$Al_2O_3 \cdot 1.00P_2O_5 \cdot 0.91H_2O \cdot 0.49C_4H_{11}N$
AlPO4-14	46- 630	O	9.80_x	3.93_3	2.89_2							X	$[NH_2(C_2H_7)]_{0.12}Co_{0.08}Al_{0.48}Si_{0.08}P_{0.48}O_2 \cdot 0.09H_2O$
AlPO4-14	46- 751	O	3.85_x	3.74_6	11.2_6							X	$Na_{1.3}Al_2Si_{27}O_{57.6} \cdot x(C_{10}H_{22}O_2) \cdot zH_2O$
AlPO4-14	47- 603	O	9.83_x	6.71_5	4.77_4							X	$AlPO_4$
AlPO4-41—AFO													
AlPO4-41	46- 556	C	12.9_x	9.10_9	4.18_6	9.72	13.79	8.36	90.00	90.00	110.60	M	$AlPO_4$
AlPO4-41	52- 211	O	4.00_x	4.20_x	3.87_5	9.71	25.82	8.35	90.00	90.00	90.00	O	$AlPO_4$
MAPO-41	46- 682	O	4.21_x	4.01_8	3.88_2							X	$C_{0.288}H_{0.72}N_{0.048}Mg_{0.052}Al_{0.451}P_{0.497}P_2 \cdot xH_2O$
SAPO-41	47- 633	O	4.21_x	4.02_6	3.90_4							X	$Al_{0.53}Si_{0.06}P_{0.40}O_2 \cdot 0.02C_{16}H_{32}N \cdot 0.26H_2O$
SAPO-41	47- 634	O	4.17_x	3.99_6	3.90_4							X	$Al_{0.52}Si_{0.08}P_{0.40}O_2$
SAPO-40—AFR													
AlPO4-40	52- 162	★	10.8_x	8.39_x	11.6_9	21.70	13.71	14.21	90.00	90.00	90.00	O	$(C_{12}H_{29}N)_{2x}Al_{1-x}PO_4 \cdot 3H_2O$
SAPO-40	47- 626	O	11.0_x	6.47_4	3.26_2							X	$Na_{0.017}Al_{0.432}Si_{0.085}P_{0.42}O_2 \cdot 0.045C_{12}H_{29}N \cdot 0.20H_2O$
SAPO-40	47- 627	O	11.2_x	11.6_8	4.77_2							X	$Na_{0.017}Al_{0.495}Si_{0.085}P_{0.42}O_2$
MAPSO-46—AFS													
MAPSO-46	41- 558	C	11.5_x	13.4_1	4.12_1	13.23	13.23	26.83	90.00	90.00	120.00	H	$Mg_6Al_{22}P_{26}Si_2O_{112}((C_2H_7)_2NH)_8$
SAPO-46	50-1711		11.5_x	13.4_1	4.46_1	13.03	13.03	26.73	90.00	90.00	120.00	H	$C_{0.6}H_{1.5}N_{0.10}(Si_{0.13}Al_{0.50}P_{0.37})O_2 \cdot xH_2O$
AlPO4-52—AFT													
AlPO4-52	46- 338	C	9.19_x	11.0_x	6.87_x	13.73	13.73	28.95	90.00	90.00	120.00	H	$AlPO_4$
AlPO4-52	46- 697		9.14_x	10.8_6	6.79_5	13.73	13.73	28.95	90.00	90.00	120.00	H	$AlPO_4$
AlPO4-52	46- 698	i	4.29_x	11.0_9	9.21_5	13.73	13.73	28.95	90.00	90.00	120.00	H	$(Al_{0.5}P_{0.5})O_2 \cdot 0.1(C_2H_5)_4NH_2PO_4$
AlPO4-52, calcined, partially rehydrated	50-1702	C	9.27_x	11.0_7	6.86_4	13.72	13.72	29.68	90.00	90.00	120.00	H	$AlPO_4 \cdot xH_2O$

Zeolite Structure Type Name—Code

Zeolite Name	PDF#	QM	3 Strongest Reflections			Cell Parameters a	b	c	Cell Angles α	β	γ	Crys. Sys.	Chemical Formula
SAPO-56—AFX													
SAPO-56	52-1178	C	10.2_x	7.65_5	6.88_4	13.76	13.76	19.95	90.00	90.00	120.00	H	$Al_{12}Si_6P_{30}O_{96}$
SSZ-16	47-763	O	4.34_x	4.07_x	10.1_8							X	$C_{18}H_{34}N_2$-Al_2O_3-SiO_2-Na_2O-H_2O
CoAPO-50—AFY													
CoAPO-50	41-559	C	11.0_x	3.79_2	3.68_2	12.75	12.75	9.02	90.00	90.00	120.00	H	$Co_3Al_5P_8O_{32}((C_3H_7)_2NH)_3$
AlPO4-H2—AHT													
AlPO4-H2	46-557	C	8.45_8	4.07_8	3.08_8	9.48	9.92	8.14	90.00	90.00	121.47	M	$Al_8P_8O_{24}$•$4H_2O$
Analcime—ANA													
Ammonioleucite	40-474	i	5.43_x	3.30_8	5.53_5	13.21	13.21	13.71	90.00	90.00	90.00	T	$(NH_4,K)AlSi_2O_6$
Ammonioleucite, (Tl)	51-1539	i	3.31_x	5.44_8	3.43_6	13.24	13.24	13.72	90.00	90.00	90.00	T	$(NH_4,K,Tl,Na)AlSi_2O_6$
Analcime	19-1180		3.43_x	5.60_6	2.93_5	13.72	13.71	13.71	90.00	90.00	90.00	O	$Na(Si_2Al)O_6$•H_2O
Analcime	41-1478	★	3.43_x	5.59_8	2.92_4	13.71	13.71	13.71	90.00	90.00	90.00	C	$Na(Si_2Al)O_6$•H_2O
Analcime, (Cs,Ga)	45-181	C	3.44_8	2.93_x	5.61_x	13.74	13.74	13.74	90.00	90.00	90.00	C	$Na_{7.91}Cs_{5.86}Ga_{13.87}Si_{34.13}O_{96}$•$10.04H_2O$
Analcime, (Cs,Ga)	45-182	C	3.43_8	2.92_x	5.59_x	13.70	13.70	13.70	90.00	90.00	90.00	C	$Na_{7.91}Cs_{5.86}Ga_{13.87}Si_{34.13}O_{96}$
Analcime, (Ga)	44-32	i	5.64_x	3.45_9	2.94_4	13.77	13.77	13.77	90.00	90.00	90.00	C	$NaGaSi_2O_6$•H_2O
Analcime, (Mg)	42-1378	i	3.52_x	2.99_4	2.03_3	14.71	14.71	14.71	90.00	90.00	90.00	C	$Na_{10}Mg_2Al_{16}Si_{32}O_{96}$•$25H_2O$
Analcime, (NH4)	14-19		3.39_x	5.54_8	2.89_6	13.57	13.57	13.57	90.00	90.00	90.00	C	$NH_4Al(SiO_3)_2$•H_2O
Analcime, (NH4)	45-516	i	5.47_x	3.31_8	5.57_5	13.24	13.24	13.75	90.00	90.00	90.00	T	$(NH_4)_{1.1}Mg_{0.1}Al_{0.9}Si_2O_6$•$xH_2O$
Analcime, (P)	43-136	C	3.43_x	5.60_9	2.93_4	13.73	13.73	13.73	90.00	90.00	90.00	C	$Na_{13}Al_{24}Si_{12}P_{11}O_{95}$•$16H_2O$
Analcime, (Rb,Mg)	43-1489	C	3.38_x	2.88_4	3.62_3	13.53	13.53	13.53	90.00	90.00	90.00	C	$Rb_2MgSi_5O_{12}$
Beryllophosphate-P	46-295	i	3.28_x	3.50_7	2.79_4	13.11	13.11	13.11	90.00	90.00	90.00	C	$Cs_{16}Be_{24}P_{24}O_{96}H_8$
Leucite	38-1423	★	3.27_x	3.44_7	2.84_4	13.07	13.07	13.76	90.00	90.00	90.00	T	$KAlSi_2O_6$
Leucite	52-129	★	3.16_x	3.19_5	2.70_5	12.63	12.63	12.74	90.00	90.00	90.00	T	$KBSi_2O_5$
Pollucite	25-194	i	3.42_x	2.91_6	3.65_3	13.67	13.67	13.67	90.00	90.00	90.00	C	$CsAlSi_2O_6$•xH_2O
Pollucite	29-407	i	3.42_x	3.65_5	2.91_5	13.67	13.67	13.67	90.00	90.00	90.00	C	$CsAlSi_2O_6$
Pollucite	47-471	★	3.41_x	3.64_4	2.91_4	13.65	13.65	13.65	90.00	90.00	90.00	C	$CsAlSi_2O_6$
Pollucite, (Cu)	44-47	C	3.39_x	3.64_6	2.90_4	13.58	13.58	13.62	90.00	90.00	90.00	T	$Cs_2CuSi_5O_{12}$
Pollucite, (Fe)	45-418	★	3.46_x	3.70_4	2.95_4	13.84	13.84	13.84	90.00	90.00	90.00	C	$Cs_2Fe_2Si_4O_{12}$
Pollucite,(Fe)	43-1486	C	3.42_8	2.91_x	3.65_x	13.66	13.66	13.66	90.00	90.00	90.00	C	$Cs_2Fe_2Si_4O_{12}$
Tl-leucite	52-1498		3.32_x	3.43_7	2.87_3	13.27	13.27	13.72	90.00	90.00	90.00	T	$TlAlSi_2O_6$
Unnamed zeolite	6-212		3.60_x	3.35_x	5.54_8	13.50	13.50	13.50	90.00	90.00	90.00	C	$AlTl(SiO_3)_2$
Unnamed zeolite	10-411	O	3.26_x	3.11_8	2.97_8	13.90	13.90	13.90	90.00	90.00	90.00	C	$Rb_2Al_2(SiO_4)_2$•H_2O
Unnamed zeolite	11-186	O	5.67_x	3.46_x	2.94_8	13.80	13.80	13.80	90.00	90.00	90.00	C	$K_2Al_2Si_4O_{12}$•H_2O
Unnamed zeolite	37-347	i	3.48_x	2.97_5	2.46_8	13.91	13.91	13.91	90.00	90.00	90.00	C	$CsAlGe_2O_6$
Unnamed zeolite	37-348	i	3.43_x	2.92_6	2.42_4	13.70	13.70	13.70	90.00	90.00	90.00	C	$RbAlGe_2O_6$
Unnamed zeolite	37-349	★	3.28_x	3.47_7	5.42_8	13.13	13.13	13.88	90.00	90.00	90.00	T	$KGaSi_2O_6$
Unnamed zeolite	37-350	i	3.34_x	3.46_6	2.89_5	13.35	13.35	13.84	90.00	90.00	90.00	T	$RbGaSi_2O_6$
Unnamed zeolite	37-1349	i	3.33_x	3.58_9	5.51_7	13.30	13.30	14.32	90.00	90.00	90.00	T	$KAlGe_2O_6$
Unnamed zeolite	38-328	i	3.33_x	2.85_7	1.70_5	13.35	13.35	13.35	90.00	90.00	90.00	C	$Na_2BeSi_5O_{12}$•$2H_2O$
Unnamed zeolite	41-315	i	3.47_x	2.96_2	2.46_9	13.90	13.90	13.90	90.00	90.00	90.00	C	$Cs_2CdGe_5O_{12}$
Unnamed zeolite	41-316		3.41_x	2.91_4	3.65_2	13.61	13.61	13.61	90.00	90.00	90.00	C	$Rb_2CdSi_5O_{12}$
Unnamed zeolite	46-216		5.61_x	3.43_x	2.92_8	13.56	13.56	13.56	90.00	90.00	90.00	C	$0.87Na_2O$•$0.01Tl_2O$•Al_2O_3•$3.59SiO_2$•$1.57H_2O$
Unnamed zeolite	46-217	i	5.61_x	3.45_x	2.93_8	13.70	13.70	13.70	90.00	90.00	90.00	C	$0.67Na_2O$•$0.3Li_2O$•Al_2O_3•$3.60SiO_2$•$1.91H_2O$
Unnamed zeolite	46-218		5.58_x	3.40_x	2.89_6	13.56	13.56	13.56	90.00	90.00	90.00	C	$0.27Na_2O$•$0.70Li_2O$•Al_2O_3•$3.62SiO_2$•$1.93H_2O$
Unnamed zeolite	46-219	O	5.60_x	3.45_x	3.35_x							X	$0.57Na_2O$•$0.42(NH_4)_2O$•Al_2O_3•$3.62SiO_2$•$1.19H_2O$
Unnamed zeolite	46-220	O	3.35_x	2.85_x	4.85_6							X	$0.30Na_2O$•$0.65(NH_4)_2O$•Al_2O_3•$3.61SiO_2$•$0.60H_2O$
Unnamed zeolite	50-273	★	3.46_x	3.70_5	2.95_8	13.84	13.84	13.84	90.00	90.00	90.00	C	$CaSi_2TiO_{6.5}$
Viseite	5-616		2.92_x	1.74_6	3.46_5	6.89	6.89	18.07	90.00	90.00	120.00	R	$CaAl_3(PO_3OH)(SiO_3OH)(OH)_3$
Wairakite	15-139		7.14_x	3.14_x	4.14_8	10.01	10.01	9.89	90.00	90.00	90.00	T	$CaAl_2Si_6O_{16}$•$6H_2O$
Wairakite	42-1451	★	3.39_x	5.56_8	3.41_6	13.69	13.64	13.55	90.00	90.55	90.00	M	$CaAl_2Si_4O_{12}$•$2H_2O$
Zeolite I, (Sr)	17-139		3.44_x	5.60_8	2.93_8	13.74	13.74	13.74	90.00	90.00	90.00	C	$SrAl_2Si_4O_{12}$•$2H_2O$
Zeolite P-C	38-319		3.44_x	5.64_8	2.93_6	13.73	13.73	13.73	90.00	90.00	90.00	C	$0.65Na_2O$•Al_2O_3•$1.11SiO_2$•$0.49P_2O_5$•$2.07H_2O$
AlPO4-C—APC													
AlPO4-C	41-560	C	6.86_x	6.49_9	3.06_8	19.35	9.73	9.76	90.00	90.00	90.00	O	$Al_{16}P_{16}O_{64}$•$24H_2O$
AlPO4-C	41-561	C	7.05_x	4.90_5	4.47_5	19.82	10.03	8.94	90.00	90.00	90.00	O	$Al_{16}P_{16}O_{64}$
AlPO4-C	45-457	O	5.07_x	5.97_8	4.67_8							X	Al_2O_3•xP_2O_5
AlPO4-H3	48-34	O	4.26_x	6.89_x	3.07_9	19.24	9.75	9.80	90.00	90.00	90.00	O	$AlPO_4$•$1.5H_2O$
AlPO4-D—APD													
AlPO4-D	41-562	C	6.86_x	4.29_9	4.31_2	19.20	8.57	9.80	90.00	90.00	90.00	O	$Al_{16}P_{16}O_{64}$
AlPO4-16—AST													
AlPO4-16	41-564	C	4.03_x	7.73_6	4.73_6	13.38	13.38	13.38	90.00	90.00	90.00	C	$Al_{20}P_{20}O_{80}(C_7H_{13}N)_4$
AlPO4-16	43-566	O	4.06_x	7.83_6	4.75_5							X	$AlPO_4$•$1.225H_2O$
Octadecasil	48-476	★	7.56_x	3.93_3	4.66_3	9.19	9.19	13.40	90.00	90.00	90.00	T	$20SiO_2$•$2(C_7H_{12}NF)$
Octadecasil	48-476	O	4.03_x	7.71_x	4.73_5							X	SiO_2
TiAPSO-16	46-849	O	4.02_x	7.76_7	4.75_8							X	$C_{0.08}H_{1.82}Al_{0.43}N_{0.14}O_2P_{0.41}Si_{0.09}Ti_{0.07}$•$0.14[C_7H_{13}N][Ti_{0.07}Al_{0.43}$
TiAPSO-16	46-850	O	7.76_x	4.06_8	3.01_9							X	$Al_{0.43}O_2P_{0.41}Si_{0.09}Ti_{0.07}$
MAPO-39—ATN													
MAPO-39	46-681	O	3.94_x	4.18_9	6.60_6							X	$C_{0.224}H_{0.81}N_{0.054}Mg_{0.096}Al_{0.406}P_{0.453}O_2$•$xH_2O$
MAPO-39	50-1704	C	6.54_x	3.88_6	9.25_6	13.09	13.09	5.18	90.00	90.00	90.00	T	$AlPO_4$
AlPO4-31—ATO													
AlPO4-31	43-574	O	3.93_x	10.4_9	4.37_5							X	Al_2O_3•$0.99P_2O_5$•$0.56H_2O$•$0.18C_6H_{15}N$
AlPO4-31	45-177	C	10.4_x	3.94_4	4.37_3	20.83	20.83	5.00	90.00	90.00	120.00	R	$AlPO_4$
SAPO-31	47-631	O	3.92_x	10.4_7	4.38_4							X	$Al_{0.52}Si_{0.04}P_{0.43}O_2$•$0.04C_6H_{15}N$
SAPO-31	47-632	O	10.4_x	3.93_8	4.03_4							X	$Al_{0.52}Si_{0.04}P_{0.43}O_2$
MAPO-36—ATS													
MAPO36	46-559	C	11.2_x	10.8_3	4.66_2	13.15	21.58	5.16	90.00	91.84	90.00	M	$Mg_{1.8}Al_{10.8}P_{12.2}O_{48}$
MAPSO-36, calcined	52-1177	i	11.2_x	4.63_6	5.37_4	13.08	21.47	5.15	90.00	91.37	90.00	M	$MgAl_{11}Si_{0.5}P_{11.5}O_{48}$
AlPO4-12-TAMU—ATT													
AlPO4-12	43-564	O	4.25_x	6.66_6	3.73_6							X	Al_2O_3•$1.02P_2O_5$•$0.75H_2O$•$0.52C_5H_5N_2$
AlPO4-12-TAMU	41-565	C	7.00_x	3.24_5	3.42_6	10.33	14.64	9.51	90.00	90.00	90.00	O	$Al_{12}P_{12}O_{48}[(CH_3)_4NOH]_4$
AlPO4-33	47-711	O	6.98_x	3.26_9	4.31_2							X	$C_{2.64}H_{7.92}N_{0.66}O_{0.33}Al_2(PO_4)_2$•$1.1H_2O$
AlPO4-33	47-712	O	6.66_x	2.80_4	4.90_4							X	$AlPO_4$
AlPO4-25—ATV													
AlPO4-25	41-566	C	4.20_x	5.92_x	9.45_6	9.45	15.20	8.41	90.00	90.00	90.00	O	$Al_{12}P_{12}O_{48}$
AlPO4-25	43-572	O	5.83_x	4.17_8	9.21_8							X	$AlPO_4$

Zeolite Structure Type Name—Code

Zeolite Name	PDF#	QM	3 Strongest Reflections	Cell Parameters a	b	c	Cell Angles α	β	γ	Crys. Sys.	Chemical Formula
AlPO-21—AWO											
AlPO-21 (Pyrrolidine)	46-184	C	3.88x 8.78x 3.53x	8.67	17.66	9.19	90.00	107.75	90.00	M	$C_4H_9Al_3NO_{12}P_3 \cdot H_2O$
AlPO4-21	43-571	O	6.55x 3.93x 3.90x							X	$Al_2O_3 \cdot 1.05P_2O_5 \cdot 0.83H_2O \cdot 0.67C_4H_9N$
AlPO4-21	46-179	C	8.88x 3.26x 3.89x	8.47	17.75	9.06	90.00	106.78	90.00	M	$(C_3H_9N_2)Al_3P_3O_{12} \cdot H_2O$
AlPO4-21	46-455	O	3.86x 8.71x 3.30x							X	$Al_2O_3 \cdot xP_2O_5$
GaPO4-21	46-180	C	9.07x 3.33x 3.51x	8.70	18.15	9.09	90.00	107.28	90.00	M	$Ga_3(PO_4)_3C_3H_9N \cdot H_2O$
AlPO4-22—AWW											
AlPO4-22	41-567	C	4.79x 9.63x 4.31x	13.63	13.63	15.46	90.00	90.00	90.00	T	$Al_{24}P_{24}O_{96}(PO_3(OH))_2(C_7H_{14}N)_4$
AlPO4-22	43-570	O	4.80x 9.72x 4.30x							X	$Al_2O_3 \cdot 1.03P_2O_5 \cdot 0.31H_2O \cdot 0.31C_6H_{20}N_2$
AlPO4-22	45-456	O	4.01x 3.07x 4.85x							X	$Al_2O_3 \cdot xP_2O_5$
AlPO4-22	47-598	O	9.65x 4.60x 4.35x							X	$AlPO_4$
Beta—BEA											
Tschernichite	46-1396	O	4.03x 11.6x 3.16x							X	$(Ca,Na)Si_6Al_2O_{16} \cdot 8H_2O$
Unnamed zeolite	49-1838	O	4.04x 3.06x 3.17x							X	$Na_{6.25}K_{0.05}Ca_{0.02}M_{\epsilon0.01}Al_{2.19}Si_{13.82}O_{32} \cdot 8.35H_2O$
Zeolite Beta	48-38	O	3.89x 11.5x 4.07x							X	$Na_2Al_2B_2O_5SiO_4$
Zeolite Beta	48-74	O	3.99x 11.6x 4.21x							X	$Na_2O \cdot Al_2O_3 \cdot SiO_2$
Bikitaite—BIK											
Bikitaite	14-168	i	3.46x 3.37x 4.20x	8.61	4.96	7.61	90.00	114.40	90.00	A	$LiAlSi_2O_6 \cdot H_2O$
Boggsite—BOG											
Boggsite	42-1379	C	3.86x 11.3x 3.37x	20.24	23.80	12.80	90.00	90.00	90.00	O	$Na_{3.7}Ca_{7.4}Al_{18.5}Si_{77.5}O_{192} \cdot 74H_2O$
Beryllophosphate-H—BPH											
Beryllophosphate H	41-568	C	10.9x 12.6x 2.79x	12.58	12.58	12.45	90.00	90.00	120.00	H	$Na_7K_7Be_{14}P_{14}O_{56} \cdot 20H_2O$
Beryllophosphate-H	46-296	i	10.9x 12.4x 2.79x	12.59	12.59	12.46	90.00	90.00	120.00	H	$Na_7K_7Be_{14}P_{14}O_{56} \cdot 20H_2O$
Unnamed zeolite	48-503	i	11.7x 13.4x 3.00x	13.51	13.51	13.41	90.00	90.00	120.00	H	$(NH_4)_2Al_2Si_2O_8 \cdot 3.1H_2O$
Brewsterite—BRE											
Brewsterite	41-1356	★	2.92x 4.66x 2.19x	6.78	17.52	7.75	90.00	94.47	90.00	M	$Sr(Si_6Al_2)O_{16} \cdot 5H_2O$
Cancrinite—CAN											
Cancrinite	34-176	C	3.21x 4.63x 6.30x	12.59	12.59	5.12	90.00	90.00	120.00	H	$Na_6Ca_{1.5}Al_6Si_6O_{24}(CO_3)_{1.6}$
Cancrinite	46-1332	i	3.22x 3.64x 2.78x	12.60	12.60	5.13	90.00	90.00	120.00	H	$Na_6Ca_2Al_6Si_6O_{24}(CO_3)_2 \cdot 2H_2O$
Cancrinite (Cs,Li,Tl)	48-520	O	3.16x 4.54x 2.22x	12.45	12.45	5.00	90.00	90.00	120.00	H	$Li_{3.58}Tl_{1.19}Cs_{0.78}Al_{6.97}Si_{6.03}O_{24} \cdot xH_2O$
Cancrinite, (Li,Cs)	45-124	C	3.15x 10.8x 3.65x	12.43	12.43	4.97	90.00	90.00	120.00	H	$Li_{4.56}Cs_{1.5}Al_6Si_6O_{24} \cdot 5.58H_2O$
Cancrinite, (Li,Cs)	47-252	i	3.15x 3.66x 3.59x	12.43	12.43	4.97	90.00	90.00	120.00	H	$Li_{4.56}Cs_{1.50}Al_6Si_6O_{24} \cdot 4.9H_2O$
Cancrinite, (Li,Tl)	47-253	i	3.16x 4.53x 2.70x	12.44	12.44	4.99	90.00	90.00	120.00	H	$Li_{2.75}Tl_{3.25}Al_{6.25}Si_{6.13}O_{24} \cdot 2H_2O$
Davyna	50-1578	★	3.66x 4.79x 3.27x	12.57	12.67	5.33	90.00	90.00	120.00	H	$(Na,Ca)_8Al_6Si_6O_{24}(Cl,CO_3,SO_4)_3$
ECR-5	47-235	O	4.58x 3.62x 3.19x							X	$Li_{1.8}Na_{1.10}Al_2Si_{2.88}O_{10.21} \cdot xH_2O$
Microsommite	20-743	i	4.81x 3.69x 3.29x	22.12	22.12	5.34	90.00	90.00	120.00	H	$(Na,Ca,K)_8(Si,Al)_{12}O_{24}Cl_{2.5}$
Unnamed zeolite	31-1272	O	3.25x 4.72x 3.66x	12.70	12.70	5.17	90.00	90.00	120.00	H	$1.06Na_2O \cdot Al_2O_3 \cdot 1.60SiO_2 \cdot 1.60H_2O$
Unnamed zeolite	38-513	★	3.24x 3.66x 4.70x	12.69	12.69	5.20	90.00	90.00	120.00	H	$Na_8(Al_6Si_6O_{24})(NO_2)_2 \cdot 4H_2O$
Unnamed zeolite	38-514	O	3.68x 6.37x 4.72x	12.73	12.73	5.02	90.00	90.00	120.00	H	$Na_8(Al_6Si_6O_{24})S_2O_3 \cdot 3H_2O$
Unnamed zeolite	38-515	i	3.66x 6.36x 3.24x	12.67	12.67	5.19	90.00	90.00	120.00	H	$Na_8(Al_6Si_6O_{24})S \cdot 4H_2O$
Unnamed zeolite	48-1862	★	3.64x 3.22x 6.30x	12.62	12.62	5.13	90.00	90.00	120.00	H	$Na_6CaAl_6Si_6(CO_3)O_{24} \cdot 2H_2O$
Vishnevite	46-1333	i	3.27x 3.70x 2.77x	12.79	12.79	5.24	90.00	90.00	120.00	H	$Na_8Al_6Si_6O_{24}(SO_4) \cdot 2H_2O$
Cesium Aluminosilicate (Araki)—CAS											
Aluminosilicate, (Cs)	41-569	C	3.61x 3.59x 4.11x	16.78	13.83	5.02	90.00	90.00	90.00	O	$Cs_4Al_4Si_{20}O_{48}$
CIT-5—CFI											
CIT-5	51-1382	i	12.1x 12.8x 4.42x	13.67	5.02	25.56	90.00	90.00	90.00	O	SiO_2
Cobalt-Gallium-Phosphate-5—CGF											
Cobalt-Gallium-Phosphate-5	49-618	C	8.84x 3.84x 3.53x	15.00	17.69	15.57	90.00	97.24	90.00	M	$C_{12}H_{22}N_4 \cdot (Co_4Ga_8P_8O_{32})$
Cobalt-Gallium-Phosphate-6—CGS											
Cobalt-Gallium-Phosphate-6	49-622	C	5.39x 7.70x 10.8x	14.36	16.31	8.73	90.00	90.24	90.00	M	$C_{28}H_{56}N_4 \cdot (Co_4Ga_{12}P_{16}O_{64})$
Chabazite—CHA											
AlPO4-34	47-166	O	9.21x 4.25x 5.47x							X	$0.4((CH_3CH_2)_4NOH) \cdot Al_2O_3 \cdot 1.18P_2O_5 \cdot 1.77H_2O$
AlPO4-34	47-167		9.11x 6.66x 4.55x	10.34	17.18	10.48	90.00	90.00	90.00	O	$AlPO_4 \cdot xH_2O$
AlPO4-34	47-168	O	9.40x 4.29x 2.91x							X	$AlPO_4$
AlPO4-34	47-184		9.26x 4.32x 3.55x	13.80	13.80	14.90	90.00	90.00	120.00	H	$C_{0.27}H_{9.81}N_{0.29}Co_{0.09}Al_{0.45}Si_{0.97}P_{0.43}O_2 \cdot 0.10H_2O$
CAPSO-34	47-701	O	9.26x 4.31x 5.52x							X	$Al_{0.46}Cr_{0.01}Si_{0.06}P_{0.48}O_2 \cdot 0.07C_6H_{21}NO \cdot 0.1H_2O$
Chabazite	34-137	★	4.32x 2.93x 9.34x	13.78	13.78	14.99	90.00	90.00	120.00	R	$Ca_2Al_4Si_8O_{24} \cdot 12H_2O$
Chabazite	52-784	★	9.17x 6.76x 4.24x	13.52	13.52	14.73	90.00	90.00	120.00	R	SiO_2
Chabazite (Al)	44-248	O	2.98x 3.67x 2.60x							X	$NaAlSiO_4 \cdot xH_2O$
Chabazite, (Ba)	43-137	C	9.37x 2.93x 4.33x	13.80	13.80	15.07	90.00	90.00	120.00	R	$Ba_{1.5}Al_{3.8}Si_{8.2}O_{24} \cdot 9.7H_2O$
Chabazite, (Co,P)	45-119	C	9.31x 4.32x 6.90x	13.80	13.80	14.85	90.00	90.00	120.00	R	$Co_{0.16}(Si_{0.16}Al_{0.84}P_{0.84}O_4) \cdot 0.18(C_3H_7(NH_2)) \cdot 0.2H_2O$
Chabazite, (Cs)	44-45	C	2.94x 4.34x 6.92x	13.84	13.84	15.10	90.00	90.00	120.00	R	$Cs_{3.0}Ca_{0.4}Al_{3.8}Si_{8.2}O_{24} \cdot 9.5H_2O$
Chabazite, (Cs)	44-46	C	6.86x 4.31x 2.91x	13.72	13.72	15.18	90.00	90.00	120.00	R	$Cs_{3.0}Ca_{0.4}Al_{3.8}Si_{8.2}O_{24}$
Chabazite, (K)	12-194		2.93x 4.32x 1.72x	13.85	13.85	15.50	90.00	90.00	120.00	R	$K_2Al_2O_4SiO_2 \cdot H_2O$
Chabazite, (Sr)	45-1427	i	9.43x 2.93x 4.33x	13.76	13.76	15.28	90.00	90.00	120.00	R	$(Ca,K,Sr)_2Al_4Si_8O_{24} \cdot 12H_2O$
Chabazite-Na	19-1178	i	2.93x 4.32x 9.36x	13.80	13.80	15.10	90.00	90.00	120.00	R	$NaAlSi_2O_6 \cdot 3H_2O$
CoAPO-34	50-1479	i	4.32x 2.93x 9.28x	13.82	13.82	14.79	90.00	90.00	120.00	R	$(P_{0.47}Al_{0.40}Co_{0.13})O_2$
CoAPO-34	50-1480	i	4.31x 2.93x 9.26x	13.81	13.81	14.82	90.00	90.00	120.00	R	$(P_{0.53}Al_{0.21}Co_{0.26})O_2$
CoAPO-34	50-1481		4.33x 2.93x 9.33x	13.83	13.83	14.87	90.00	90.00	120.00	R	$(P_{0.46}Al_{0.25}Co_{0.29})O_2$
CoAPO-44	46-339	C	9.34x 6.82x 4.28x	13.63	13.63	15.28	90.01	89.99	119.98	A	$Co_{4.6}Al_{13.2}P_{16}O_{72}$
CoAPSO-44	46-340	C	9.35x 6.82x 4.29x	13.64	13.64	15.29	89.99	89.99	119.98	A	$Co_{2.3}Si_3Al_{15.7}P_{16}O_{72}$
CoAPSO-47	46-342	C	9.35x 6.90x 4.33x	13.80	13.81	14.99	90.00	90.08	120.07	A	$Co_{2.5}Si_{4.5}Al_{15.5}P_{13.5}O_{72}$
SAPO-34	47-429	i	9.29x 4.32x 3.55x	13.78	13.78	14.85	90.00	90.00	120.00	R	$(Si_{0.88}Al_{4.06}P_{3.06})O_{16} \cdot xH_2O$
SAPO-34	47-617	O	9.31x 4.31x 5.52x							X	$Al_{0.50}Si_{0.10}P_{0.40}O_2 \cdot 0.06C_6H_{20}N \cdot 0.17H_2O$
SAPO-44	47-629	O	9.31x 4.24x 2.89x							X	$Al_{0.48}Si_{0.11}P_{0.41}O_2 \cdot 0.14C_6H_{13}N \cdot 0.16H_2O$
SAPO-44	47-630	O	9.30x 4.28x 6.84x							X	$Al_{0.48}Si_{0.11}P_{0.41}O_2$
SAPO-47	41-570	C	9.33x 4.31x 3.59x	13.73	13.73	15.05	90.00	90.00	120.00	R	$Al_6Si_{1.4}P_{4.6}O_{24}(C_6H_{12}NH_2)_{1.4} \cdot 2.5H_2O$
SSZ-13	47-762	O	4.27x 5.47x 9.23x							X	$C_{12}H_{24}N \cdot Al_2O_3 \cdot SiO_2 \cdot Na_2O \cdot H_2O$
TiAPSO-34	46-851	O	9.41x 4.33x 5.54x							X	$Co_{0.024}H_{9.08}Al_{0.48}Na_{0.153}O_2P_{0.41}Si_{0.11}Ti_{0.10} \cdot 0.103[(C_2H_5)_4N](Ti_{0.10} \ldots$
TiAPSO-34	46-852	O	9.31x 4.27x 6.81x							X	$Al_{0.48}O_2P_{0.41}Si_{0.11}Ti_{0.10}$
TiAPSO-44	46-855	O	4.27x 9.31x 4.04x							X	$C_6H_{13}N \cdot Al_2O_3 \cdot P_2O_5 \cdot SiO_2 \cdot TiO_2$
Unnamed zeolite	47-356		2.92x 3.68x 9.48x	13.73	13.73	15.59	90.00	90.00	120.00	R	$Na_{29.6}Al_{70.6}Si_{41.2}O_{227.2}$
Willhendersonite	35-643	i	9.16x 2.91x 2.80x	9.18	9.14	9.48	92.50	92.31	90.05	A	$KCaAl_3Si_3O_{12} \cdot 5H_2O$
ZK-14, (K,TMA)	37-792	i	2.93x 2.89x 1.81x	13.80	13.80	15.12	90.00	90.00	120.00	R	$K_{10.8}Al_{11.1}O_{72}Si_{24.9} \cdot 25H_2O$
ZYT-6	44-1389	C	9.30x 4.32x 6.89x	13.78	13.78	14.85	90.00	90.00	120.00	R	$(H_3O(Al_4SiP_3O_{16}))_{0.5} \cdot 0.96H_2O$
Zeolite Co(APSO)44	49-658	O	18.2x 4.54x 4.65x							X	$Co_{0.04}Al_{0.48}Si_{0.08}P_{0.44}O_2 \cdot 0.48H_2O \cdot 0.43C_6H_{12}N$

Zeolite Structure Type Name—Code

Zeolite Name	PDF#	QM	3 Strongest Reflections	Cell Parameters a	b	c	Cell Angles α	β	γ	Crys. Sys.	Chemical Formula
Zeolite G, (Sr)	17- 142		2.91_x 4.30_8 9.43_6	13.67	13.67	15.46	90.00	90.00	120.00	R	$SrAl_2Si_4O_{12}{\cdot}6H_2O$
Zeolite K-G1	44- 250	O	2.92_x 2.29_4 3.96_3							X	$KAlSiO_4{\cdot}xH_2O$
Zeolite P-G	38- 321		9.46_x 2.95_x 4.36_7	13.86	13.86	15.02	90.00	90.00	120.00	R	$0.54K_2O{\cdot}Al_2O_3{\cdot}1.54SiO_2{\cdot}0.36P_2O_5{\cdot}3.82H_2O$
Zeolite P-R	38- 322		9.46_x 2.94_8 4.35_8	13.86	13.86	15.02	90.00	90.00	120.00	R	$0.84Na_2O{\cdot}Al_2O_3{\cdot}1.92SiO_2{\cdot}0.3P_2O_5{\cdot}4.12H_2O$

Chiavennite—CHI

Chiavennite	35- 602		15.7_x 2.90_x 3.28_8	8.73	31.33	4.90	90.00	90.00	90.00	O	$CaMn^{+2}Be_2Si_5O_{13}(OH)_2{\cdot}2H_2O$

Cloverite—CLO

Cloverite	46- 558	C	26.4_x 9.32_x 18.6_x	52.71	52.71	52.71	90.00	90.00	90.00	C	$Ga_{96}P_{96}O_{384}(OH)_{24}F_{24}$
Cloverite	50-1705	C	25.8_x 9.14_2 18.3_2	51.71	51.71	51.71	90.00	90.00	90.00	C	$2C_{17}H_{14}FN{\cdot}Ga_8P_8O_{33}$

CIT-1—CON

CIT-1	50-1694	i	11.3_x 11.5_7 3.84_5	22.62	13.28	12.37	90.00	68.88	90.00	M	$Si_{60}O_{112}$
CIT-1	50-1703	C	11.3_x 11.5_4 9.72_2	22.62	13.35	12.36	90.00	68.91	90.00	M	$Si_{56}O_{112}$
CIT-1	52- 110	O	4.02_x 3.84_x 4.33_9	22.63	13.27	12.38	90.00	68.81	90.00	M	$C_{12}H_{34}BNO_3Si{\cdot}H_2O$
SSZ-26	47- 355	O	11.4_x 3.86_x 4.40_6							X	$Na_2O{\cdot}Al_2O_3{\cdot}SiO_2$
SSZ-26	47- 674	O	3.88_x 4.40_3 11.4_9							X	$(C_{18}H_{36}N_2){\cdot}(Na_xAl_xSiO_4){\cdot}H_2O$
SSZ-33	52- 109	O	11.3_x 4.35_5 4.04_4	23.90	13.29	12.32	90.00	66.93	90.00	M	$(BSi)O_2$

Chiral Zincophosphate—CZP

Chiral Zincophosphate	49- 621	C	7.78_x 3.06_x 5.80_x	10.48	10.48	15.09	90.00	90.00	120.00	H	$Na_{12}[Zn_{12}P_{12}O_{48}]{\cdot}12H_2O$

Dachiardite—DAC

Dachiardite	18- 467	i	3.45_x 3.20_x 1.87_8	18.65	7.49	10.23	90.00	107.85	90.00	M	$(Ca,Na,K,Mg)_4(Si,Al)_{24}O_{48}{\cdot}13H_2O$
Dachiardite, (Na)	30-1149	i	3.45_x 4.88_9 8.86_5	18.64	7.51	10.30	90.00	108.48	90.00	M	$Na_4(Al_4Si_{20})O_{48}{\cdot}13H_2O$

Deca-Dodecasil-3R—DDR

Deca-dodecasil-3R	38- 651	i	5.18_x 3.40_7 5.77_6	13.89	13.89	40.99	90.00	90.00	120.00	R	SiO_2
Deca-dodecasil-3R	41- 571	C	11.5_x 5.18_8 13.6_8	13.86	13.86	40.89	90.00	90.00	120.00	R	$Si_{120}O_{240}(N_2)_3(C_{19}H_{17}N)_6$
Unnamed zeolite	48- 235	★	5.15_x 3.39_7 5.71_5	13.73	13.73	41.39	90.00	90.00	120.00	H	$120SiO_2{\cdot}12Br_2$
Unnamed zeolite	48- 236	★	5.15_x 5.71_4 4.46_4	13.72	13.72	41.31	90.00	90.00	120.00	H	$120SiO_2{\cdot}6I_2$
Unnamed zeolite	49- 75	★	5.18_x 4.47_7 3.39_7	13.74	13.74	41.36	90.00	90.00	120.00	R	$120SiO_2{\cdot}xICl$
Unnamed zeolite	49- 76	★	5.17_x 5.75_7 3.39_6	13.84	13.84	40.85	90.00	90.00	120.00	H	$120SiO_2{\cdot}6S_7$

Dodecasil-1H—DOH

Dodecasil-1H	41- 572	C	11.2_x 6.89_x 11.9_7	13.78	13.78	11.19	90.00	90.00	120.00	H	$Si_{34}O_{68}(N_2)_3(N_2)_2(C_6H_{10}NH)$

UTD-1F—DON

UTD-1	50- 57	i	14.7_x 11.5_4 4.21_2	18.98	8.41	23.04	90.00	90.00	90.00	O	$Si_{64}O_{128}$
UTD-1 as synthesized	52- 160	O	4.19_x 4.03_6 6.06_6							X	$xC_{20}H_{30}CoOH{\cdot}SiO_2{\cdot}zH_2O$

TMA-E(AB)—EAB

Bellbergite	45-1482	i	3.80_x 6.58_9 2.95_7	13.24	13.24	15.99	90.00	90.00	120.00	H	$(K,Ba,Sr)_2Sr_7Ca_2(Ca,Na)_4Al_{18}Si_{18}O_{72}{\cdot}30H_2O$
EAB	41- 573	C	3.77_x 9.17_8 3.61_6	13.28	13.28	15.21	90.00	90.00	120.00	H	$Na_{8.1}[(CH_3)_4N]_{2.2}Al_{8.4}Si_{26.6}O_{72}(OH)_{0.9}{\cdot}25H_2O$
Zeolite E	23-1895		9.21_x 6.66_x 3.78_9	13.27	13.27	15.23	90.00	90.00	120.00	H	$C_{12}H_{36}Al_9N_3Na_7O_{72}Si_{27}{\cdot}17H_2O$
Zeolite E, (K)	44-1392	C	6.54_x 9.05_9 4.12_4	13.07	13.07	15.10	90.00	90.00	120.00	H	$K_9Al_{9.7}Si_{28.3}O_{72}$
Zeolite E, (Na,TMA)	35-1502	i	3.78_x 9.20_8 3.62_7	13.28	13.28	15.21	90.00	90.00	120.00	H	$C_8H_{24}Al_9N_3Na_7O_{72}Si_{27}{\cdot}26H_2O$

Edingtonite—EDI

Beryllophosphate-E	46- 294	i	6.48_x 2.78_x 2.87_4	9.17	9.17	12.30	90.00	90.00	90.00	T	$K_{10}Be_{10}P_{10}O_{40}{\cdot}10H_2O$
Edingtonite	25- 60	★	6.51_x 4.70_7 3.59_7	9.53	9.65	6.51	90.00	90.00	90.00	O	$BaAl_2Si_3O_{10}{\cdot}4H_2O$
Edingtonite, (K,Cl)	45- 123	C	3.08_x 3.05_x 2.79_9	9.76	9.76	6.49	90.00	90.00	90.00	T	$K_3Al_2Si_3O_{10}(KCl)$
Edingtonite, (Li)	27-1212	i	3.59_x 2.75_x 6.54_8	9.57	9.57	6.54	90.00	90.00	90.00	T	$LiBa_{0.5}Al_2Si_3O_{10}{\cdot}4H_2O$
Phase F, (Ba,Li)	30- 742	O	7.01_x 3.08_x 2.82_x							X	$(Ba,Li){\cdot}Al{\cdot}SiO_4{\cdot}H_2O$
Species F, (Na)	25- 777		3.15_x 7.10_8 3.03_7								
Unnamed zeolite	22-1809		3.67_x 4.49_6 6.36_4	8.98	8.98	8.98	90.00	90.00	90.00	X	$Na_2Al_2Si_2O_8{\cdot}xH_2O$
Zeolite D, (Rb)	38- 217	i	2.99_x 3.11_9 2.84_7	9.95	9.95	13.20	90.00	90.00	90.00	T	$C_4H_{12}AlNO_{12}Si_3$
Zeolite F	44-1388	C	2.85_x 3.11_8 2.99_8	9.98	9.98	13.21	90.00	90.00	90.00	O	$RbAlSiO_4{\cdot}H_2O$
Zeolite F, (K)	38- 216	i	2.96_x 3.07_8 2.81_8	9.83	9.83	13.09	90.00	90.00	90.00	T	$Rb_{9.6}Al_{10}Si_{10}O_{40}{\cdot}5.44H_2O$
Zeolite K-F, (Na)	39- 217	C	7.11_x 3.14_x 2.87_x	10.06	10.06	6.68	90.00	90.00	90.00	T	$KAlSiO_4{\cdot}1.5H_2O$
Zeolite N	50- 90	★	2.82_x 3.09_9 2.96_7	9.90	9.89	13.09	90.00	90.00	90.00	O	$Na_5Al_5Si_3O_{20}{\cdot}9H_2O$
											$K_{12}Al_{12}Si_{10}O_{40}Cl_2{\cdot}8H_2O$

EMC-2—EMT

CSZ-1	47- 722	O	3.40_x 14.2_9 3.00_7	17.43	17.43	28.36	90.00	90.00	120.00	H	$Cs_{0.64}Na_{2.04}Al_2Si_{4.29}O_{12.42}$
CSZ-1	47- 723	O	14.1_x 15.1_6 3.70_6	17.42	17.42	28.41	90.00	90.00	120.00	H	Na-Tl-Al-Si-O
ECR-30	47- 655	i	15.0_x 14.2_8 5.65_3	17.30	17.30	28.78	90.00	90.00	120.00	H	$C_{7.84}H_{20.16}N_{1.12}Na_{0.55}Al_2Si_{10.02}O_{25.04}$
EMT (Na)	46- 566	C	15.1_x 14.2_x 13.3_x	17.45	17.45	28.46	90.00	90.00	120.00	H	$Na_{19.36}Al_{21.27}Si_{73.73}O_{192}$
Unnamed zeolite	48- 504	★	15.0_x 14.2_8 8.02_4	17.35	17.35	28.43	90.00	90.00	120.00	H	$Na_{1.96}Al_2Si_{6.84}O_{17.68}$
ZSM-20	43- 46	O	15.1_x 14.3_x 5.68_5							X	$C_{7.56}H_{7.68}Al_2N_{0.64}Na_{1.44}O_{22.24}Si_{8.1}$
ZSM-20	47- 553	O	14.7_x 13.9_8 5.62_4	17.30	17.30	28.60	90.00	90.00	120.00	H	$C_{20}H_{10}N{\cdot}Na_2O{\cdot}Al_2O_3{\cdot}SiO_2{\cdot}H_2O$
ZSM-20	47- 554	O	3.27_x 2.84_x 2.85_9	17.30	17.30	28.60	90.00	90.00	120.00	H	$C_{20}H_{10}N{\cdot}Na_2O{\cdot}Al_2O_3{\cdot}SiO_2{\cdot}H_2O$
ZSM-20, dealuminated	45- 111	i	14.1_x 14.8_x 5.60_3	17.17	17.17	28.28	90.00	90.00	120.00	H	SiO_2
ZSM-3	38- 317	O	14.2_x 16.3_5 3.02_5	17.50	17.50	57.20	90.00	90.00	120.00	H	$Li_2O{\cdot}Na_2O{\cdot}Al_2O_3{\cdot}SiO_2{\cdot}H_2O$
ZSM-3	48- 730	i	3.36_x 3.32_8 3.04_8	29.00	29.00	18.77	90.00	90.00	120.00	H	$Na_{1.88}Al_2Si_{2.77}O_{9.48}$

Epistilbite—EPI

Epistilbite	39-1381	★	8.90_x 3.45_9 3.21_8	9.09	17.75	10.23	90.00	124.65	90.00	M	$Ca_2(Si_9Al_3)O_{24}{\cdot}8H_2O$

Erionite—ERI

AlPO4-17	41- 574	C	11.5_x 6.62_5 9.05_8	13.24	13.24	14.77	90.00	90.00	120.00	H	$Al_{18}P_{19}O_{78}(C_6H_{11}N)_4{\cdot}4H_2O$
AlPO4-17	43- 567	O	11.6_x 4.33_9 2.81_7							X	$Al_2O_3{\cdot}0.99P_2O_5{\cdot}0.87H_2O{\cdot}0.46C_7H_{13}N$
AlPO4-17	47- 606	O	6.58_x 11.5_8 9.10_5							X	$AlPO_4$
Erionite	39-1379	★	2.85_x 3.77_9 4.35_6	13.30	13.30	15.08	90.00	90.00	120.00	H	$KNaCa(Si_{14}Al_4)O_{36}{\cdot}15H_2O$
SAPO-17	47- 620	O	11.5_x 6.61_x 4.33_8							X	$Al_{9.56}Si_{9.02}P_{9.42}O_2{\cdot}0.103C_6H_{13}N$
SAPO-17	47- 621		6.56_x 11.5_9 9.17_3	13.30	13.30	15.10	90.00	90.00	120.00	H	$Al_{9.56}Si_{9.02}P_{9.42}O_2$
Unnamed zeolite	41-1461	★	11.4_x 6.60_6 4.32_6	13.19	13.19	15.04	90.00	90.00	120.00	H	$H_{6.2}K_{1.5}(Na,Ca,Mg)_{0.5}Fe_{0.2}Al_{8.0}Si_{27.7}O_{72}{\cdot}xH_2O$
Unnamed zeolite	42- 369	i	6.55_x 11.2_8 3.57_6	13.07	13.07	15.06	90.00	90.00	120.00	H	$K_{0.8}Na_{0.192}Al_2Si_{10.43}O_{25.88}{\cdot}xH_2O$
Unnamed zeolite	42- 370	i	11.5_x 6.60_8 3.74_6	13.13	13.13	15.03	90.00	90.00	120.00	H	$K_{0.56}Na_{0.054}Al_2Si_{11.18}O_{25.51}{\cdot}xH_2O$
Unnamed zeolite	42- 371	i	11.4_x 2.86_7 4.33_7	13.23	13.23	15.12	90.00	90.00	120.00	H	$K_{0.57}Na_{0.29}Al_2Si_{9.67}O_{22.99}{\cdot}xH_2O$
Unnamed zeolite	42- 372		6.51_x 11.3_9 3.57_6	13.09	13.09	15.09	90.00	90.00	120.00	H	$K_{0.30}Na_{0.24}Al_2Si_{10.26}O_{23.79}{\cdot}xH_2O$
Unnamed zeolite	42- 373		11.4_x 6.57_6 2.85_5	13.20	13.20	15.02	90.00	90.00	120.00	H	$K_{0.54}Na_{0.065}Al_2Si_{7.79}O_{18.78}{\cdot}xH_2O$
Unnamed zeolite	42- 375		11.4_x 3.81_5 6.59_4	13.22	13.22	15.07	90.00	90.00	120.00	H	$K_{0.14}Na_{0.125}Al_2Si_{9.31}O_{19.75}{\cdot}xH_2O$
Unnamed zeolite	46- 675	i	11.5_x 3.76_6 3.60_8	13.23	13.23	15.20	90.00	90.00	120.00	H	$K_8Na_{2.5}Ga_{13.05}Si_{8.19}O_{25.50}{\cdot}250H_2O{\cdot}C_{10}H_{28}O_3N_2$
Unnamed zeolite	47- 358	O	9.32_x 6.88_3 6.92_2							X	$(K,Na)Al_2Si_{7.5}O_{150.5}$
ZSM-34	42- 308	O	11.5_x 3.76_9 3.59_0							X	$Na_2O{\cdot}K_2O{\cdot}Al_2O_3{\cdot}SiO_2$
ZSM-34	42- 374	O	6.59_x 11.4_8 3.58_6	13.11	13.11	15.05	90.00	90.00	120.00	H	$K{\cdot}Na{\cdot}Al_2{\cdot}Si{\cdot}O{\cdot}H_2O$
ZSM-34	43- 578	O	11.6_x 3.76_9 3.59_5							X	$C_{6.4}H_{17.9}N_{1.3}O_{1.28}{\cdot}K_{0.94}Na_{0.25}Al_2Si_{10.5}O_{25.2}$

Zeolite Structure Type Name—Code

Zeolite Name	PDF#	QM	3 Strongest Reflections			Cell Parameters a	b	c	Cell Angles α	β	γ	Crys. Sys.	Chemical Formula
EU-1—EUO													
Unnamed zeolite	45-406	O	4.30x	3.99s	3.28s							X	$28SiO_2 \cdot Al_2O_3$
Faujasite—FAU													
CSZ-1	47-722	O	3.40x	14.2s	3.00m	17.43	17.43	28.36	90.00	90.00	120.00	H	$Cs_{0.64}Na_{1.04}Al_2Si_{4.29}O_{12.43}$
OSZ-1	47-723	O	14.1x	15.1s	3.70s	17.42	17.42	28.41	90.00	90.00	120.00	H	Na-Ti-Al-Si-O
CoAPO	52-161	★	14.3x	5.67s	4.76s	24.73	24.73	24.73	90.00	90.00	90.00	C	$(C_4H_{12}N,C_{12}H_{28}N)$-(Co,Al)-$PO_4$-$H_2O$
DPZ-1A	47-249	i	13.6x	3.57s	3.70s	23.38	23.38	23.38	90.00	90.00	90.00	C	$Na_{96}Be_{96}P_{96}O_{192} \cdot 192H_2O$
DPZ-1B	47-250	★	14.6x	3.37s	8.93s	25.23	25.23	25.23	90.00	90.00	90.00	C	$[Na_4(CH_2)_4]Ni_{96}Zn_{96}P_{96}O_{192} \cdot 192H_2O$
FCR-30	47-655	i	15.0x	14.2s	5.65s	17.30	17.30	28.78	90.00	90.00	120.00	H	$C_{7.84}H_{20.16}N_{1.12}Na_{0.88}Al_2Si_{10.07}O_{25.04}$
Faujasite	12-228	i	14.3x	5.71x	8.75s	24.83	24.83	24.83	90.00	90.00	90.00	C	$Na_2Al_2Si_{3.5}O_{10.5} \cdot 7H_2O$
Faujasite	12-246	i	14.5x	5.74s	2.88s	24.96	24.96	24.96	90.00	90.00	90.00	C	$Na_2Al_2Si_{2.4}O_{8.8} \cdot 6.7H_2O$
Faujasite	28-1034	O	15.0x	2.96x	3.93s	25.59	25.59	25.59	90.00	90.00	90.00	C	$Na_2Al_2Si_6O_8 \cdot xH_2O$
Faujasite	39-1380	i	14.3x	3.78x	5.67s	24.68	24.68	24.68	90.00	90.00	90.00	C	$Na_2Al_2Si_4O_{12} \cdot 8H_2O$
Na-Be exchanged	47-1		3.76x	3.80s	2.79s	24.92	24.92	24.92	90.00	90.00	90.00	C	$0.95BaO \cdot 0.05Na_2O \cdot Al_2O_3 \cdot 3.3SiO_2 \cdot 6H_2O$
NaX-Zeolite	47-786	i	14.3x	3.80s	5.71s	24.92	24.92	24.92	90.00	90.00	90.00	C	$Cu_{17}N_{92}(NH_4)_{77}Al_{96}Si_{106}O_{384}(H_2O)_{172}(NH_3)_{64}$
Phase X	28-1036		3.26x	4.71s	3.68s							X	$Na_{14}Al_{12}Si_{13}O_{51} \cdot 6H_2O$
SAPO-37	47-624	O	14.3x	5.68s	3.79s							X	$Al_{0.51}Si_{0.125}P_{0.365}O_2 \cdot 0.065C_{12}H_{28}N \cdot 0.035C_4H_{12}N \cdot 0.22H_2O$
SAPO-37	47-625	O	14.3x	5.57s	8.59s							X	$Al_{0.51}Si_{0.125}P_{0.365}O_2$
Y exchanged	47-2		14.4x	3.81x	2.89s	24.99	24.99	24.99	90.00	90.00	90.00	C	$0.93SrO \cdot 0.07Na_2O \cdot Al_2O_3 \cdot 2.5SiO_2 \cdot 6H_2O$
LZ-Y	42-18	C	14.0x	3.69s	4.65s	24.17	24.17	24.17	90.00	90.00	90.00	C	$H_{18.9}Al_{18.9}Si_{173.1}O_{384}$
Unnamed zeolite	13-549		8.80x	3.79x	3.32x	24.85	24.85	24.85	90.00	90.00	90.00	C	$C_4H_{12}Al_2NO_6Si \cdot xH_2O$
Unnamed zeolite	26-1883	★	14.3x	3.77s	5.68s	24.75	24.75	24.75	90.00	90.00	90.00	C	$C_{62.8}H_{137.2}Al_{54.7}K_{31.3}N_{23.4}O_{384}Si_{137.3} \cdot 111H_2O$
Unnamed zeolite	26-1884	★	14.3x	3.77s	5.68s	24.74	24.74	24.74	90.00	90.00	90.00	C	$C_{37.5}H_{185}Al_{54.7}K_{37.3}N_{37.5}O_{384}Si_{137.3} \cdot 124H_2O$
Unnamed zeolite	26-1885	★	14.3x	3.78s	9.31s	24.75	24.75	24.75	90.00	90.00	90.00	C	$C_{66.4}H_{189}Al_{54.7}K_{35.9}N_{18.8}O_{384}Si_{137.3} \cdot 101H_2O$
Unnamed zeolite	47-3	i	14.4x	3.80s	2.88s	24.89	24.89	24.89	90.00	90.00	90.00	C	$0.8CaO \cdot 0.2Na_2O \cdot Al_2O_3 \cdot 3.0SiO_2 \cdot 6H_2O$
ZSM-20	43-46	O	15.1x	14.3x	5.68s							X	$C_{2.56}H_{7.68}Al_2N_{0.64}Na_{1.44}O_{20.24}Si_{8.1}$
ZSM-20	47-553	O	14.7x	13.9s	5.62s	17.30	17.30	28.60	90.00	90.00	120.00	H	$C_{36}H_{10}N\text{-}Na_2O\text{-}Al_2O_3\text{-}SiO_2\text{-}H_2O$
ZSM-20	47-554	O	3.27x	2.84x	2.85s	17.30	17.30	28.60	90.00	90.00	120.00	H	$C_{36}H_{10}N\text{-}Na_2O\text{-}Al_2O_3\text{-}SiO_2\text{-}H_2O$
ZSM-20, dealuminated	45-111	i	14.1x	14.8x	5.60s	17.17	17.17	28.28	90.00	90.00	120.00	H	SiO_2
ZSM-3	38-317	O	14.2x	16.3s	3.02s	17.50	17.50	57.20	90.00	90.00	120.00	H	$Li_2O\text{-}Na_2O\text{-}Al_2O_3\text{-}SiO_2\text{-}H_2O$
ZSM-3	48-730	i	3.36x	3.32s	3.04s	29.00	29.00	18.77	90.00	90.00	120.00	H	$Na_{1.88}Al_2Si_{2.77}O_{9.48}$
Zeolite (Na,Zn,P)	45-128	C	14.6x	8.92s	7.61s	25.23	25.23	25.23	90.00	90.00	90.00	C	$Na_{48}(ZnPO_4)_{96} \cdot 126H_2O$
Zeolite X, (Ag)	38-233	★	14.4x	2.79s	6.23s	24.96	24.96	24.96	90.00	90.00	90.00	C	$(Ag,Na)_2 \cdot Al_2Si_{2.5}O_8 \cdot xH_2O$
Zeolite X, (Ba)	38-234	i	14.4x	7.21s	3.77s	24.99	24.99	24.99	90.00	90.00	90.00	C	$(Ba,Na) \cdot Al_2Si_{2.5}O_8 \cdot 6.2H_2O$
Zeolite X, (Ca)	38-232	i	14.4x	3.80s	5.71s	24.90	24.90	24.90	90.00	90.00	90.00	C	$(Ca,Na) \cdot Al_2Si_{2.5}O_8 \cdot 6.4H_2O$
Zeolite X, (Ce)	38-235	i	14.4x	3.81s	6.72s	24.99	24.99	24.99	90.00	90.00	90.00	C	$(CeO)_2(Al_2Si_{2.5}O_8)_2 \cdot xH_2O$
Zeolite X, (Gd)	43-149	C	14.5s	7.24s	6.27s	25.07	25.07	25.07	90.00	90.00	90.00	C	$Na_7Gd_{27}(Al_{88.11}Si_{103.9}O_{384}) \cdot 19H_2O$
Zeolite X, (K)	26-898	★	14.5x	2.90s	2.81s	25.12	25.12	25.12	90.00	90.00	90.00	C	$K_{86.4}Al_{86.4}Si_{105.6}O_{384} \cdot 258H_2O$
Zeolite X, (Li)	38-236	i	14.4x	3.79s	3.32s	24.88	24.88	24.88	90.00	90.00	90.00	C	$(Li,Na)_2 \cdot Al_2Si_{2.5}O_8 \cdot 7.2H_2O$
Zeolite X, (NH4)	39-139	i	14.4x	3.81s	3.34s	25.01	25.01	25.01	90.00	90.00	90.00	C	$(NH_4,Na)_2 \cdot Al_2Si_{2.5}O_8 \cdot xH_2O$
Zeolite X, (Na)	38-237	★	14.5x	3.81s	2.89s	24.99	24.99	24.99	90.00	90.00	90.00	C	$Na_2Al_2Si_{2.5}O_8 \cdot 6.2H_2O$
Zeolite X, (Na)	39-218	C	14.5x	8.85s	2.89s	25.03	25.03	25.03	90.00	90.00	90.00	C	$Na_{86}Al_{86}Si_{106}O_{384} \cdot 220H_2O$
Zeolite X, (Na)	41-118	i	3.82x	14.6s	3.34s	24.96	24.96	24.96	90.00	90.00	90.00	C	$C_6H_4O_2 \cdot Na_2O \cdot Al_2O_3 \cdot 3.3SiO_2 \cdot 7H_2O$
Zeolite X, (X)	26-895	★	14.5x	3.82s	8.87s	25.08	25.08	25.08	90.00	90.00	90.00	C	$K_{86.4}Al_{86.4}Si_{105.6}O_{384}$
Zeolite Y	38-238	★	14.3x	3.31s	2.86s	24.76	24.76	24.76	90.00	90.00	90.00	C	$Na_{1.64}Al_2Si_4O_{11.92} \cdot 7H_2O$
Zeolite Y	38-239	i	14.3x	5.67s	3.77s	24.73	24.73	24.73	90.00	90.00	90.00	C	$Na_{1.88}Al_2Si_{4.8}O_{13.64} \cdot 9H_2O$
Zeolite Y	38-240	i	14.3x	3.78s	2.86s	24.77	24.77	24.77	90.00	90.00	90.00	C	$Na_{2.06}Al_2Si_{3.8}O_{11.63} \cdot 8H_2O$
Zeolite Y	40-336	★	14.3x	3.78s	5.69s	24.78	24.78	24.78	90.00	90.00	90.00	C	$Na_{2.1}Mg_{21.1}(NH_4)_{13.6}Al_{69}Si_{123}O_{384} \cdot 240H_2O$
Zeolite Y (K,Ga)	46-568	C	7.47x	5.68s	5.06s	24.78	24.78	24.78	90.00	90.00	90.00	C	$K_{65.5}Ga_{65.5}Si_{126.5}O_{384} \cdot 241H_2O$
Zeolite Y, (K)	26-893	★	14.4x	5.73x	8.83s	24.97	24.97	24.97	90.00	90.00	90.00	C	$K_{69.9}Al_{69.9}Si_{122.2}O_{384}$
Zeolite Y, (K)	26-894	i	14.3x	5.68s	3.78s	24.78	24.78	24.78	90.00	90.00	90.00	C	$K_{48.2}Al_{48.2}Si_{143.8}O_{384}$
Zeolite Y, (K)	26-896	★	14.3x	3.77s	5.65s	24.69	24.69	24.69	90.00	90.00	90.00	C	$K_{48.2}Al_{48.2}Si_{143.8}O_{384} \cdot 243H_2O$
Zeolite Y, (K)	26-897	★	14.4x	3.80s	2.88s	24.92	24.92	24.92	90.00	90.00	90.00	C	$K_{69.9}Al_{69.9}Si_{122.2}O_{384} \cdot 247H_2O$
Zeolite Y, (K,NH4)	26-899	i	14.3x	3.77s	5.68s	24.74	24.74	24.74	90.00	90.00	90.00	C	$K_{15.5}(NH_4)_{38.5}Al_{54.7}Si_{137.3}O_{384} \cdot 101H_2O$
Zeolite Y, (Na)	43-168	★	14.2x	3.76s	5.66s	24.68	24.68	24.68	90.00	90.00	90.00	C	$Na_2Al_2Si_{4.5}O_{13} \cdot xH_2O$
Zeolite Y, (Na,Be,P)	45-125	C	13.6s	8.27x	7.05s	23.38	23.38	23.38	90.00	90.00	90.00	C	$Na_{96}(BePO_4)_{96}$
Zeolite Y, (Na,Mg,Be,P)	45-127	C	13.4s	8.22x	7.01s	23.24	23.24	23.24	90.00	90.00	90.00	C	$Na_{56}Mg_{20}(BePO_4)_{96}$
Zeolite Y, dealuminated	45-112	★	14.0s	8.57s	6.58s	24.23	24.23	24.23	90.00	90.00	90.00	C	SiO_2
Ferrierite—FER													
Ferrierite	39-1382	★	9.60x	3.97s	3.71s	19.20	14.14	7.50	90.00	90.00	90.00	O	$NaMg(Si_{15}Al_3)O_{36} \cdot 9H_2O$
Ferrierite, (Ga)	46-30	i	3.78x	3.86x	3.48x	19.01	14.16	7.48	90.00	90.00	90.00	O	$Na_{3.8}Ga_{4.3}Si_{31.7}O_{72} \cdot xH_2O$
ZSM-35	44-104	O	9.52x	3.53s	3.46s							X	$Na_{0.22}Al_2Si_{29.9}O_{64.46} \cdot 9.9H_2O$
ZSM-35	44-109	O	4.25x	3.65s	3.13s							X	$Pr(MnO_4)_3 \cdot 4H_2O$
ZSM-35	51-242	O	3.53x	9.50s	3.48s							X	$Na_{0.45}AlSi_{11}O_{47.5} \cdot 0.55C_{19}H_{42}NOH \cdot xH_2O$
ZSM-38	43-576	O	3.57x	3.51x	4.01s							X	$Na_{0.86}Al_2N_{1.06}Si_{11.85}O_{27.71} \cdot 5.28H_2O$
ZSM-38	44-105	O	3.56x	3.50x	4.01s							X	$0.48Na_2O \cdot Al_2O_3 \cdot 0.53N_2O \cdot 11.85SiO_2 \cdot 5.28H_2O \cdot C_6H_{14}NO$
Zeolite Al/Nu-23	49-922	O	3.53x	3.46s	3.96s							X	$C_{27.93}H_{81.74}Br_{1.47}N_{1.47} \cdot Na_{2.39}Al_{3.85}Si_{32.15}O_{72}$
Zeolite D, (Sr)	18-1266	O	3.48x	3.54s	9.49s	19.01	14.13	7.48	90.00	90.00	90.00	O	$Sr_4Al_8Si_{20}O_{72}(OH)_2 \cdot 18H_2O$
Zeolite Ga/Nu-23	49-923	O	3.54x	3.60s	4.06s							X	$C_{27.93}H_{81.74}Br_{1.47}N_{1.47} \cdot Na_{2.39}Ga_{3.85}Si_{32.15}O_{72}$
Franzinite—FRA													
Franzinite	30-1170	i	3.72x	3.59s	3.61s	12.88	12.88	26.58	90.00	90.00	120.00	H	$(Na,Ca)_7(Si,Al)_{12}O_{24}(SO_4,OH,CO_3)_3 \cdot H_2O$
Gismondine—GIS													
Amicite	39-1273	i	2.72x	4.22s	3.14s	10.23	10.42	9.88	90.00	88.32	90.00	M	$K_2Na_2Al_4Si_4O_{16} \cdot 5H_2O$
Beryllophosphate-G	46-293	i	6.27x	3.71s	2.71s	9.32	8.48	9.13	90.00	90.80	90.00	M	$Na_8Be_8P_8O_{32} \cdot 10H_2O$
CoAPO-43	52-1510	i	7.01x	3.21s	3.50s	10.21	10.21	9.64	90.00	90.00	90.00	T	$Al_{8.16}Co_{0.84}PO_4 \cdot 0.5C_3H_{10}N_2 \cdot 0.5H_2O$
Garronite	39-1374	i	3.14x	4.15s	7.15s	9.89	9.89	10.29	90.00	90.00	90.00	O	$NaCa_{2.5}(Si_{10}Al_8)O_{32} \cdot 14H_2O$
Garronite	51-1499		7.20x	4.18x	3.16x	9.96	9.96	10.39	90.00	90.00	90.00	T	$Ca_5Al_8Si_9O_{32} \cdot 15H_2O$
Gismondine	20-452	i	3.34x	4.27s	3.19s	10.02	10.61	9.84	90.00	92.48	90.00	M	$CaAl_2Si_2O_8 \cdot 4H_2O$
Gismondine	39-1373	★	4.27x	3.19s	2.69s	10.02	10.64	9.84	90.00	92.47	90.00	M	$CaAl_2Si_2O_8 \cdot 4H_2O$
Gismondine (dehydrated)	46-341	C	4.31x	3.08s	3.13s	13.90	8.89	13.95	90.00	90.00	90.00	O	$Ca_4Al_8Si_8O_{32} \cdot 8H_2O$
Gobbinsite	35-559		7.11x	4.12x	3.20x	10.45	10.15	9.79	90.00	90.00	90.00	O	$Na_4Ca(Si_{10}Al_8)O_{32} \cdot 12H_2O$
Linde B1	38-327	O	3.18x	7.08s	4.10s							X	$0.95Na_2O \cdot Al_2O_3 \cdot 3.35SiO_2 \cdot 4.79H_2O$
Linde B2	38-328	O	3.21x	7.14s	4.11s							X	$0.99Na_2O \cdot Al_2O_3 \cdot 4.07SiO_2 \cdot 5.7H_2O$
Linde B3	38-329	O	7.08x	3.20s	4.11s							X	$1.05Na_2O \cdot Al_2O_3 \cdot 3.8SiO_2 \cdot 4.7H_2O$
Linde B7	38-330	O	4.11x	3.20x	7.08s							X	$1.04Na_2O \cdot Al_2O_3 \cdot 3.74SiO_2 \cdot 3.5H_2O$
MAPO-43	42-19	C	7.15x	4.13s	5.11s	10.22	10.22	10.01	90.00	90.00	90.99	M	$Mg_2Al_8P_8O_{32}(C_6H_{12}N_2$
Species P1, (Na)	25-778	i	3.16x	7.07s	4.08s	9.99	9.99	9.99	90.00	90.00	90.00	C	$Na_8Al_8Si_8O_{16} \cdot 6H_2O$
Species P2, (Na)	25-779		4.10x	3.19s	7.15s	10.09	10.09	9.80	90.00	90.00	90.00	T	$Na_8Al_8Si_8O_{16} \cdot 6H_2O$
Unnamed zeolite	16-355		3.13x	7.00s	4.04s	9.88	9.88	9.88	90.00	90.00	90.00	C	$K_{2.84}Ca_{3.42}Al_{9.7}Si_{10.3}O_{32} \cdot 10.6H_2O$
Unnamed zeolite	16-604	i	3.16x	7.09s	4.08s	10.00	10.00	10.00	90.00	90.00	90.00	C	$Mg_{2.85}Al_{9.7}Si_{10.3}O_{32} \cdot 14H_2O$
Zeolite N-L	14-18		7.10x	4.09x	3.17x	10.02	10.02	10.02	90.00	90.00	90.00	C	$C_5H_{15}Al_9N_2O_{10}Si \cdot xH_2O$
Zeolite P, (Na)	40-1464	★	3.16x	2.68x	7.09s	10.00	10.00	10.07	90.00	90.00	90.00	T	$Na_{3.6}Al_{3.6}Si_{12.4}O_{32} \cdot 14H_2O$
Zeolite P, (Na)	44-52	C	7.10x	3.16s	4.10s	10.00	10.00	10.07	90.00	90.00	90.00	T	$Na_{3.6}Al_{3.6}Si_{12.4}O_{32} \cdot 14H_2O$
Zeolite P-B	38-325		3.20x	7.08s	5.01s	10.10	10.10	9.80	90.00	90.00	90.00	T	$0.58Na_2O \cdot Al_2O_3 \cdot 0.99SiO_2 \cdot 0.52H_2O$
Zeolite P1, (Na)	39-219	C	3.18x	7.10x	4.10x	10.04	10.04	10.04	90.00	90.00	90.00	T	$Na_6Al_6Si_{10}O_{32} \cdot 12H_2O$
Zeolite Pt	34-524	i	3.19x	4.11x	7.13s	10.11	10.11	9.82	90.00	90.00	90.00	T	$Na_{3.1}Al_{3.1}Si_{10.9}O_{32} \cdot 12H_2O$

Zeolite Structure Type Name—Code

Zeolite Name	PDF#	QM	3 Strongest Reflections			Cell Parameters a	b	c	Cell Angles α	β	γ	Crys. Sys.	Chemical Formula
Gmelinite—GME													
ECR-26	50-1692	i	5.02_x	6.88_7	11.9_7	13.74	13.74	10.04	90.00	90.00	120.00	H	$Na_{2.04}Cr_{0.52}Fe_{0.54}Al_{6.04}Si_{6}O_{16.32}*H_2O$
ECR-26	50-1693	i	11.9_x	5.01_7	6.86_7	13.74	13.74	10.03	90.00	90.00	120.00	H	$Na_{2.03}Cr_{0.50}Al_{1.50}Si_{5.19}O_{14.42}$
Gmelinite	38- 435	★	4.11_x	11.9_6	2.98_6	13.75	13.75	10.06	90.00	90.00	120.00	H	$Na_2Al_2Si_4O_{12}*6H_2O$
Unnamed zeolite	31-1321		4.11_x	4.50_6	3.23_5	13.73	13.73	10.07	90.00	90.00	120.00	H	$Al_{3.2}N_2Na_{2.56}Si_{15.7}O_{14.61}*xH_2O$
Zeolite F, (Sr)	17- 141	O	4.99_x	4.12_x	2.99_x	13.80	13.80	10.01	90.00	90.00	120.00	H	$SrAl_2Si_4O_{12}*6H_2O$
Goosecreekite—GOO													
Goosecreekite	35- 469	i	4.53_x	7.19_5	5.59_5	7.62	17.56	7.35	90.00	105.71	90.00	M	$CaAl_2Si_6O_{16}*5H_2O$
Heulandite—HEU													
Clinoptilolite	39-1383	i	8.95_x	3.96_8	3.98_6	17.67	17.91	7.41	90.00	116.37	90.00	M	$KNa_2Ca_2(Si_{29}Al_7)O_{72}*24H_2O$
Clinoptilolite, (Na)	47-1870	i	8.95_x	7.91_4	2.97_3	17.65	18.01	7.40	90.00	116.30	90.00	M	$(Na,K,Ca)_6Al_6Si_{30}O_{72}*18H_2O$
Clinoptilolite-(Cs)	44-1398	i	3.97_x	3.92_7	3.99_7	17.73	17.98	7.43	90.00	116.18	90.00	M	$Cs_{6.5}K_{0.4}(Al_7Si_{29})O_{72}*13H_2O$
Heulandite	41-1357	i	8.95_x	2.97_9	3.98_7	17.74	17.89	7.43	90.00	116.45	90.00	M	$Ca(Si_7Al_2)O_{18}*6H_2O$
Heulandite-Sr	24- 469	i	8.94_x	2.80_8	7.95_7	17.72	17.86	7.46	90.00	116.37	90.00	M	$(Ca,Sr)Al_2Si_7O_{18}*6H_2O$
Zeolite R, (Sr)	17- 143		3.98_x	5.12_8	2.97_8	7.46	18.00	15.90	90.00	91.50	90.00	M	$SrAl_2Si_7O_{18}*6H_2O$
ITQ-4—IFR													
Calcined ITQ-4	49- 619	C	10.9_x	9.12_1	4.37_1	18.65	13.50	7.63	90.00	101.98	90.00	M	$Si_{72}O_{64}$
ITQ-4	51-1380	★	10.9_x	9.13_1	3.73_1	18.67	13.49	7.63	90.00	101.97	90.00	M	SiO_2
MCM-58	52- 113		4.35_x	10.9_x	4.12_5	18.70	13.50	7.60	90.00	101.90	90.00	M	$C_{15.8}H_{24}Al_2K_{1.9}N_{1.2}Na_{1.2}O_{52}Si_{24}*xH_2O$
ITQ-7—ISV													
ITQ-7	51-1379	★	12.6_x	9.07_9	11.5_6	12.84	12.84	25.20	90.00	90.00	90.00	T	SiO_2
ITQ-3—ITE													
Calcined ITQ-3	49- 623	C	10.3_x	9.81_9	8.80_5	20.62	9.72	19.62	90.00	90.00	90.00	O	$Si_{64}O_{128}$
ITQ-3	51-1381	★	10.3_x	9.81_9	8.80_7	20.61	9.73	19.62	90.00	90.00	90.00	O	SiO_2
Na-J (Barrer & White)—JBW													
Nepheline hydrate	10- 459	O	2.95_x	4.07_9	4.67_7							X	$Na_2Al_2Si_2O_8*0.5H_2O$
Nepheline hydrate	10- 460	O	3.40_x	4.39_9	2.95_9	8.20	7.50	5.22	90.00	90.00	90.00	O	$Na_2Al_2Si_2O_8*H_2O$
ZK-5—KFI													
Unnamed zeolite	10- 7	O	13.3_x	3.20_x	3.04_x	13.28	13.28	13.28	90.00	90.00	90.00	C	$BaO*Al_2O_3*SiO_2*BaBr_2*H_2O$
Unnamed zeolite	18-1198		9.41_x	5.41_5	4.41_5	18.67	18.67	18.67	90.00	90.00	90.00	C	$NaAlSi_3O_8*xH_2O$
ZK-5	37- 360	O	13.4_x	9.50_4	7.50_x							X	$Na_{2.55}Al_{3.78}Si_{7.97}O_{24.36}*12.2H_2O$
ZK-5	39- 220	C	5.90_x	9.34_8	13.2_6	18.67	18.67	18.67	90.00	90.00	90.00	C	$Cs_{9.7}K_{12.0}Al_{22.8}Si_{73.2}O_{192}$
ZK-5	40- 338	★	3.20_x	5.91_x	4.40_7	18.67	18.67	18.67	90.00	90.00	90.00	C	$H_{15.22}(NH_4)_{4.71}Cs_{8.47}Al_{23.40}Si_{72.60}O_{192}*xH_2O$
ZK-5	40- 339	★	9.37_x	3.21_7	4.41_6	18.68	18.68	18.68	90.00	90.00	90.00	C	$H_{17.46}(NH_4)_{4.36}Cs_{1.03}Al_{22.79}Si_{73.21}O_{192}*xH_2O$
ZK-5	44- 101		9.41_x	4.41_5	5.41_5	18.68	18.68	18.68	90.00	90.00	90.00	C	$C_8H_{9.5}Al_2NNaO_{14}Si_5*xH_2O$
ZK-5, (Na,Li)	41- 30		9.40_x	4.20_9	5.44_7	18.88	18.88	18.88	90.00	90.00	90.00	C	$Li_{0.32}Na_{1.72}Al_2Si_{3.16}O_{10.32}*5.36H_2O$
Zeolite P	24-1432	i	13.1_x	3.01_x	3.19_9	18.59	18.59	18.59	90.00	90.00	90.00	C	$Ba_{1.8}Al_2Si_{4.4}O_{12.8}Cl_{1.6}*2.3H_2O$
Zeolite P'	24-1433	i	3.07_x	5.07_8	4.46_8	18.93	18.93	18.93	90.00	90.00	90.00	C'	$Ba_{1.8}Al_2Si_{2.6}O_{8.2}Cl_{1.3}*0.9H_2O$
Zeolite Q	24-1431	i	13.3_x	3.19_x	3.02_x	18.63	18.63	18.63	90.00	90.00	90.00	C	$Ba_{1.9}Al_2Si_{4.3}O_{12.7}Br_{1.6}*2H_2O$
Zeolite Q'	24-1434	i	3.07_x	4.47_8	3.87_6	18.94	18.94	18.94	90.00	90.00	90.00	C	$Ba_{1.8}Al_2Si_{2.6}O_{8.1}Br_{1.5}*1.6H_2O$
Laumontite—LAU													
Laumontite	26-1047	i	4.16_x	3.51_8	9.50_5	14.76	13.08	7.56	90.00	112.02	90.00	M	$CaAl_2Si_4O_{12}*4H_2O$
Laumontite	45-1325	C	9.48_x	3.51_5	6.87_4	14.82	13.10	7.57	90.00	112.00	90.00	M	$Ca(Al_2Si_4O_{12})*4H_2O$
Levyne—LEV													
Hydrogen Nu-3	46- 750	i	8.00_x	6.53_9	4.00_8	13.06	13.06	22.56	90.00	90.00	120.00	R	$Al_2Si_{50}O_{103}$
Levyne	26-1381	O	4.08_x	2.81_6	6.69_3	13.36	13.35	22.88	90.00	90.00	120.00	R	$Ca_3Al_{6.5}Si_{11.5}O_{36}*18H_2O$
Levyne	46-1263	C	4.08_x	8.16_9	10.3_7	13.34	13.34	23.01	90.00	90.00	120.00	R	$Ca_{2.5}(Na,K)_{0.9}Al_{6.8}Si_{11.5}O_{36}*15H_2O$
Levyne	51- 51	★	4.04_x	5.08_x	2.77_6	13.20	13.20	22.37	90.00	90.00	120.00	R	$C_{43.5}H_{87}N_5Al_{5.4}Si_{48.6}F_{0.8}O_{108}*xH_2O$
Levyne	51- 52	★	7.98_x	4.02_7	6.56_5	13.15	13.15	22.52	90.00	90.00	120.00	R	$Al_{5.4}Si_{48.6}F_{0.8}O_{108}$
Nu-3	42- 20	C	4.04_x	5.10_8	2.77_6	13.23	13.23	22.29	90.00	90.00	120.00	R	$C_{60}H_{102}N_6O_{108}Si_{54}$
Nu-3	46- 749	★	4.00_x	5.05_7	4.19_6	13.04	13.04	22.59	90.00	90.00	120.00	R	$Na_{0.58}Al_2Si_{47}O_{97.2}*(C_8H_{16}N)_x$
Nu-3	47- 705	O	8.03_x	4.01_9	6.58_8							X	$H_3Na_{0.6}Al_2Si_{45}O_{94.8}$
Nu-3	47- 706	O	4.01_x	5.07_8	4.21_6							X	$K_{0.6}Al_2Si_{45}O_{94.8}*3(C_8H_{16}N)*15H_2O$
Nu-3	47- 707	O	4.01_x	4.60_5	5.11_6							X	$(Li,Na)_{0.6}Al_2Si_{45}O_{94.8}*3(C_8H_{16}N)*15H_2O$
SAPO-35	47- 622	O	4.04_x	5.06_8	4.16_8							X	$Al_{0.97}Si_{0.07}P_{0.95}O_2*0.11C_7H_{13}N$
SAPO-35	47- 623	O	8.04_x	6.53_9	4.00_8	13.30	13.30	23.00	90.00	90.00	120.00	R	$Al_{0.51}Si_{0.07}P_{0.36}O_2$
TiAPSO-35	46- 853	O	4.06_x	5.13_8	4.27_5							X	$C_{0.96}H_{1.92}Al_{0.40}Na_{0.12}O_2P_{0.35}Si_{0.06}Ti_{0.19}*0.12[C_7H_{13}NCH_2](Ti_{0.19}$ ...
TiAPSO-35	46- 854	O	7.97_x	4.00_9	6.46_5							X	$Al_{0.40}O_2P_{0.35}Si_{0.06}Ti_{0.19}$
ZnAPO-35	52-1606	i	4.04_x	5.10_8	2.78_5	13.29	13.29	22.31	90.00	90.00	120.00	R	$AlZnP_2O_8$
Liottite—LIO													
Liottite	47-1742	★	3.71_x	3.31_9	4.83_4	12.86	12.86	16.09	90.00	90.00	120.00	H	$(Na,Ca,K)_{24}(Si,Al)_{36}O_{72}[SO_4,Cl,F]_{16}$
Losod—LOS													
Bystrite	45-1373	i	3.72_x	3.31_9	3.92_8	12.85	12.85	10.70	90.00	90.00	120.00	H	$Ca(Na,K)_7(Si_6Al_6O_{24}XS_3^{-x})_{1.5}*H_2O$
Losod	31-1259	i	6.43_x	3.29_x	3.72_9	12.91	12.91	10.54	90.00	90.00	120.00	H	$Na_{12}Al_{12}Si_{12}O_{48}*xH_2O$
Losod, (Na)	39- 221	C	6.45_x	3.30_x	4.77_6	12.91	12.91	10.54	90.00	90.00	120.00	H	$Na_{12}Al_{12}Si_{12}O_{48}*18H_2O$
Unnamed zeolite	49- 926	i	3.50_x	4.22_8	3.62_7	11.53	11.53	9.29	90.00	90.00	120.00	H	$Li_6(HPO_4)(BePO_4)_6*H_2O$
Lovdarite—LOV													
Lovdarite	25-1302		3.29_x	3.14_x	4.96_9	38.78	6.78	7.01	90.00	90.00	90.00	O	$K_8Na_6Be_8Si_{16}O_{36}*9H_2O$
Lovdarite	39-1367	C	6.73_x	5.80_8	3.08_8	39.58	6.93	7.15	90.00	90.00	90.00	O	$K_8Na_6Be_8Si_{16}O_{36}*9H_2O$
Linde Type A—LTA													
Kryptofix 222-AlPO4	51- 76	O	11.9_x	6.89_8	3.98_8	23.81	23.81	23.81	90.00	90.00	90.00	C	$(Al_{12}P_{12}O_{48})(OH)_2(C_{18}H_{36}N_2O_6)(H_2O)_8$
Kryptofix 222-AlPO4	51- 77	O	6.88_x	3.97_8	11.9_5	23.87	23.87	23.87	90.00	90.00	90.00	C	$(Al_{12}P_{12}O_{48})(F)_2(C_{18}H_{36}N_2O_6)(H_2O)_8$
Linde A	11- 589		12.2_x	8.66_4	3.28_4	12.26	12.26	12.26	90.00	90.00	90.00	C	$Ca_6(AlSiO_4)_{12}*30H_2O$
Linde A, (Li)	14- 298		12.1_x	8.57_7	3.24_7	12.16	12.16	12.16	90.00	90.00	90.00	C	$Na_6(AlO_2)_2(SiO_2)_{15}*27H_2O$
SAPO-42	47- 628	O	3.67_x	3.26_8	2.96_8							X	$Na_{0.23}Al_{0.42}Si_{0.53}P_{0.04}O_2*0.3C_4H_{12}N*0.74H_2O$
Unnamed zeolite	13- 147		4.05_x	3.66_x	12.1_8	12.13	12.13	12.13	90.00	90.00	90.00	C	$C_7H_9NO*Al_2O_3*xSiO_2*2H_2O$
ZK-21	27-1406	i	12.2_x	3.68_9	2.95_8	12.20	12.20	12.20	90.00	90.00	90.00	C	$NaAlSiPO_4*xH_2O$
ZK-4	44- 100	O	12.0_x	9.58_7	8.66_7							X	$Na_{0.6}H_{16.8}Al_2Si_6O_{14.3}N_{1.4}C_{1.4}*xH_2O$
Zeolite 4A	43- 142	C	12.3_x	8.69_7	5.50_3	24.59	24.59	24.59	90.00	90.00	90.00	C	$Na_{97}Al_{97}Si_{100}O_{384}$
Zeolite 4A, (Ag)	43- 143	C	12.3_x	5.51_1	2.62_1	12.31	12.31	12.31	90.00	90.00	90.00	C	$Ag_{7.6}Na_{4.4}Si_{12}Al_{12}O_{48}$
Zeolite 4A, (Co)	43- 144	C	12.2_x	7.03_2	8.61_1	12.17	12.17	12.17	90.00	90.00	90.00	C	$C_8H_8Al_{12}Co_4Na_4O_{48}Si_{12}$
Zeolite 5A	19-1183		1.76_x	1.37_x	2.65_9	12.42	12.42	12.42	90.00	90.00	90.00	C	$NaCaAl_3Si_3O_{12}$
Zeolite 5A	19-1454		4.10_x	1.74_9	1.36_8	12.29	12.29	12.29	90.00	90.00	90.00	C	$NaCaAl_3Si_3O_{12}{}_{2.6}$
Zeolite A (Co,CS2)	46- 564	C	12.1_x	8.59_4	7.01_4	12.16	12.16	12.16	90.00	90.00	90.00	C	$(CS_2)_4Co_4Na_4Al_{12}Si_{12}O_{48}$
Zeolite A (Pb)	46- 565	C	12.3_x	2.99_1	4.10_1	12.31	12.31	12.31	90.00	90.00	90.00	C	$(Pb_9O(OH)_4)Al_{12}Si_{12}O_{48}*H_2O$

Zeolite Structure Type Name—Code

Zeolite Name	PDF#	QM	3 Strongest Reflections			Cell Parameters a	b	c	Cell Angles α	β	γ	Crys. Sys.	Chemical Formula
Zeolite A, (Ag)	43- 145	C	12.3_g	5.49_g	2.98_g	24.55	24.55	24.55	90.00	90.00	90.00	C	$Al_{96}H_{28}Ag_{70}Si_{96}O_{384}\cdot xH_2O$
Zeolite A, (Cd)	43- 146	C	12.3_x	6.50_1	4.10_1	12.29	12.29	12.29	90.00	90.00	90.00	C	$Cd_6Si_{12}Al_{12}O_{48}\cdot 3H_2O$
Zeolite A, (Co,Br)	45- 178	C	4.04_x	3.24_7	4.95_5	12.12	12.12	12.12	90.00	90.00	90.00	C	$(CoBr_3)_4Na_4(Si_{12}Al_{12}O_{48})(Br_2)_2$
Zeolite A, (Cs,Ca)	45- 188	C	4.33_x	3.40_x	3.69_9	12.24	12.24	12.24	90.00	90.00	90.00	C	$Cs_{12.5}Al_{12}Si_{12}O_{48}$
Zeolite A, (Cs,Ca)	45- 189	C	12.2_x	3.69_5	8.66_5	12.24	12.24	12.24	90.00	90.00	90.00	C	$Cs_6Ca_3Al_{12}Si_{12}O_{48}$
Zeolite A, (Cs,Ca)	45- 190	C	3.68_x	3.39_x	4.32_9	12.21	12.21	12.21	90.00	90.00	90.00	C	$Cs_{11.5}Ca_{0.5}Al_{12}Si_{12}O_{48}$
Zeolite A, (K)	43- 147	C	12.3_x	8.71_7	5.51_2	12.32	12.32	12.32	90.00	90.00	90.00	C	$K_{11.2}Si_{12}Al_{12}O_{48}$
Zeolite A, (K,Zn)	43- 148	C	12.1_x	8.54_3	5.40_2	12.07	12.07	12.07	90.00	90.00	90.00	C	$Zn_5K_2Al_{12}Si_{12}O_{48}\cdot 3.5H_2O$
Zeolite A, (Li)	38- 242	★	12.0_x	8.51_7	3.63_5	12.04	12.04	12.04	90.00	90.00	90.00	C	$(Li,Na)_2Al_2Si_{1.85}O_{7.7}\cdot xH_2O$
Zeolite A, (Na)	31-1261	★	3.31_x	3.01_x	1.64_3	12.39	12.39	12.39	90.00	90.00	90.00	C	$12Na\cdot 12(AlO_2SiO_2)\cdot 9.3NaNO_3\cdot 6.7H_2O$
Zeolite A, (Na)	38- 241	★	12.3_x	8.71_7	2.99_5	12.32	12.32	12.32	90.00	90.00	90.00	C	$Na_2Al_2Si_{1.85}O_{7.7}\cdot 5.1H_2O$
Zeolite A, (Na)	39- 222	C	12.3_x	8.70_5	2.98_5	24.61	24.61	24.61	90.00	90.00	90.00	C	$Na_{96}Al_{96}Si_{96}O_{384}\cdot 216H_2O$
Zeolite A, (Na)	39- 223	C	12.3_5	8.68_5	7.09_5	24.56	24.56	24.56	90.00	90.00	90.00	C	$Na_{96}Al_{96}Si_{96}O_{384}$
Zeolite A, (Rb,Ag)	45- 185	C	3.70_x	12.3_6	2.98_5	12.27	12.27	12.27	90.00	90.00	90.00	C	$Rb_{11.75}Ag_{2.25}Al_{12}Si_{12}O_{48}$
Zeolite A, (Rb,Ag)	45- 186	C	3.70_x	2.97_5	3.40_5	12.26	12.26	12.26	90.00	90.00	90.00	C	$Rb_{11.85}Ag_{0.07}Al_{12}Si_{12}O_{48}$
Zeolite A, (Rb,Ag)	45- 187	C	2.99_x	3.72_7	12.3_5	12.34	12.34	12.34	90.00	90.00	90.00	C	$Rb_{11.55}Ag_{0.25}Al_{12}Si_{12}O_{48}$
Zeolite A, (Sr)	38- 243	★	2.99_x	12.4_9	3.29_7	12.32	12.32	12.32	90.00	90.00	90.00	C	$(Sr,Na_2)Al_2Si_{1.85}O_{7.7}\cdot xH_2O$
Zeolite A, (Tl)	38- 244	★	4.36_x	2.52_6	2.76_5	12.33	12.33	12.33	90.00	90.00	90.00	C	$Tl_2Al_2Si_{1.85}O_{7.7}\cdot xH_2O$
Zeolite P-A	38- 323	i	12.2_x	2.96_9	8.60_9	12.26	12.26	12.26	90.00	90.00	90.00	C	$Na_2O\cdot Al_2O_3\cdot 1.71SiO_2\cdot 0.24P_2O_5\cdot 4.32H_2O$
Linde Type L—LTL													
ECR-2	39- 294		15.9_x	3.92_7	3.18_7	18.39	18.39	7.65	90.00	90.00	120.00	H	$K_{2.07}Al_9Si_{4.76}O_{13.63}$
Linde L	22- 773	i	16.0_x	3.19_4	3.92_4	18.40	18.40	7.52	90.00	90.00	120.00	H	$K_9NaAl_9Si_9O_{24}\cdot 7H_2O$
Linde L	39- 224	C	15.9_x	2.91_4	3.19_3	18.40	18.40	7.52	90.00	90.00	120.00	H	$K_6Na_3Al_9Si_{27}O_{72}\cdot 21H_2O$
Pertialite	38- 395		16.0_x	4.62_x	3.20_9	18.49	18.49	7.51	90.00	90.00	120.00	H	$K_9NaCaAl_{12}Si_{24}O_{72}\cdot 15H_2O$
Zeolite L	43- 47	O	15.8_x	3.91_4	4.57_3							X	$K_2O\text{-}Na_2O\text{-}Al_2O_3\text{-}SiO_2\text{-}H_2O$
Zeolite L	43- 560	O	15.8_x	3.17_5	3.91_4							X	$1.01K_2O\cdot 0.9Na_2O\cdot Al_2O_3\cdot 6.2SiO_2\cdot 5.0H_2O$
Zeolite L	44-1393	C	16.1_x	6.08_1	3.95_1	18.58	18.58	7.49	90.00	90.00	120.00	H	$K_{10}Ge_9Si_{27}O_{72}$
Zeolite L	48- 514	i	16.2_x	3.96_7	4.65_6	18.61	18.61	7.57	90.00	90.00	120.00	H	$K_{2.05}Ga_2Si_{8.25}O_{18.53}$
Zeolite P-L	38- 324		16.0_x	3.22_3	4.65_3	18.75	18.75	15.03	90.00	90.00	120.00	H	$0.69K_2O\cdot Al_2O_3\cdot 1.59SiO_2\cdot 0.38P_2O_5\cdot 2.53H_2O$
Linde Type N—LTN													
NaZ-21	42- 21	C	11.1_x	21.3_6	9.24_5	36.95	36.95	36.95	90.00	90.00	90.00	C	$AlNaSiO_4\cdot 1.03H_2O$
Unnamed zeolite	26-1987	i	6.51_x	4.04_9	3.70_9	36.81	36.81	36.81	90.00	90.00	90.00	C	$C_{0.144}H_{9.432}Al_2N_{0.036}Na_2O_{6.018}Si_2$
Unnamed zeolite	28-1923	O	6.54_x	4.05_8	3.71_8	13.08	13.08	21.56	90.00	90.00	90.00	T	$C_4H_{12}NNa\cdot Al_2Si_2O_7\cdot 3H_2O$
Unnamed zeolite	27-1405	i	6.51_x	13.0_9	3.70_5	36.70	36.70	36.70	90.00	90.00	90.00	C	$Na_3Al_2Si_2O_{4+2x}\cdot zH_2O$
Z-21	26-1988	i	6.57_x	4.06_9	3.72_8	37.22	37.22	37.22	90.00	90.00	90.00	C	$C_{0.06}H_{0.24}Al_2N_{0.06}Na_{1.56}O_{7.56}Si_2\cdot 2.8H_2O$
Zeolite N	17- 755	O	4.56_x	2.94_x	2.13_x	12.48	12.48	16.00	90.00	90.00	90.00	T	Sr-Al-Si-O
Mazzite—MAZ													
ECR-1	47- 288	O	3.17_x	3.50_8	9.10_8	18.15	26.31	7.31	90.00	90.00	90.00	O	$Na_2O\text{-}Al_2O_3\text{-}SiO_2$
Mazzite	38- 426	i	3.19_x	2.94_x	3.82_x	18.39	18.39	7.65	90.00	90.00	120.00	H	$K_2CaMg_2(Si,Al)_{36}O_{72}\cdot 28H_2O$
Omega	23-1894	i	9.07_x	3.78_9	5.94_8	18.15	18.15	7.59	90.00	90.00	120.00	H	$C_4H_{13}Al_2NNaO_6Si\cdot H_2O$
Omega	44- 11	O	9.09_x	3.79_7	3.52_6							X	$0.72(CH_3)_4N\cdot 0.71Na_2O\cdot Al_2O_3\cdot 7.3SiO_2\cdot 6.3H_2O$
ZSM-4	34-1830	O	9.18_x	3.82_7	3.54_6	18.31	18.31	7.68	90.00	90.00	120.00	H	$C_{2.34}H_{6.72}Al_2N_{0.66}Na_{1.64}O_{17.66}Si_{6.43}\cdot 6.56H_2O$
ZSM-4	42- 309	O	3.53_x	3.16_x	2.82_9							X	$(C_8H_{19}N_2)(Na_2O)_{2.6}(Al_2O_3)_{5.2}(SiO_2)_{22}\cdot 5H_2O$
ZSM-18—MEI													
ZSM-18	43- 57	O	11.5_x	4.17_8	4.13_7							X	$Al_2Na_{0.18}O_{24.23}Si_{10.5}\cdot xH_2O$
ZSM-18	52- 144	★	11.4_x	7.92_2	6.08_1	13.18	13.18	15.85	90.00	90.00	120.00	H	$Si_{34}O_{68}$
ZSM-11—MEL													
Silicalite-2, (Ti)	43- 55	O	11.2_x	3.85_9	10.1_8	20.10	20.10	13.41	90.00	90.00	90.00	T	$TiO_2\text{-}SiO_2$
TASO-48	46- 862	O	3.88_x	11.3_7	3.75_5							X	$((C_4H_9)_4N)_2O\text{-}Al_2O_3\text{-}Na_2O\text{-}TiO_2\text{-}SiO_2\text{-}H_2O$
TASO-48	46- 863	O	11.3_x	3.85_7	10.2_6							X	$Na_{0.089}Al_{0.01}Ti_{0.053}Si_{0.836}O_3$
TeVK-I	42- 12	O	3.87_x	11.2_9	10.1_9	20.12	20.12	13.41	90.00	90.00	90.00	T	$C_{16}H_{38}BrN\text{-}Na_2O\text{-}Al_2O_3\text{-}SiO_2\text{-}H_2O$
TeVK-I	42- 13	i	3.86_x	11.1_9	10.0_9	20.03	20.03	13.40	90.00	90.00	90.00	T	$Na_{1.52}Al_2Si_{63}O_{129.76}\cdot xH_2O$
Unnamed zeolite	42- 14	O	3.85_x	3.82_9	3.71_9	20.00	20.00	13.39	90.00	90.00	90.00	T	$C_{16}H_{38}BrN\text{-}Na_2O\text{-}B_2O_3\text{-}SiO_2\text{-}H_2O$
ZSM-11	38- 246	O	3.86_x	3.73_4	11.2_3							X	$Na_{1.04}Al_2Si_{48}O_{98.52}$
ZSM-11	38- 247	O	3.87_x	9.36_5	3.74_4							X	$Na_2\text{-}Al_2\text{-}Si_{72}\text{-}O_{160}\cdot xH_2O$
ZSM-11	38- 248	O	3.85_x	11.9_8	10.1_5							X	$Na\text{-}Al_2\text{-}Si_{72}\text{-}O$
ZSM-11	42- 22	C	11.1_x	10.0_5	3.85_5	20.07	20.07	13.41	90.00	90.00	90.00	T	$Si_{96}O_{192}$
ZSM-11, (H)	38- 195	O	3.86_x	11.3_8	10.1_5							X	$H\text{-}Al_2O_3\text{-}SiO_2$
Melanophlogite—MEP													
Melanophlogite	25- 7	I	5.99_x	3.58_9	5.47_7	26.79	26.79	13.40	90.00	90.00	90.00	T	$C_2H_{17}O_6\cdot Si_{46}O_{92}$
Merlinoite—MER													
Merlinoite	29- 989	i	3.18_x	7.12_9	7.08_9	14.12	14.23	9.95	90.00	90.00	90.00	O	$K_5Ca_2(Al_9Si_{23}O_{64})\cdot 24H_2O$
Unnamed zeolite	52- 143	C	4.21_x	2.77_8	4.49_6	14.19	14.19	9.23	90.00	90.00	90.00	T	$Ba_8Al_{10.67}Cl_9Si_{21.33}O_{64}\cdot 12H_2O$
Zeolite K-M	30- 902	O	3.25_x	3.19_x	2.97_x	10.07	14.22	14.22	90.00	90.00	90.00	O	$K_2Al_2Si_3O_{10}\cdot 3H_2O$
Zeolite P-W	38- 320		3.19_x	3.25_7	7.20_6	24.17	24.17	10.03	90.00	90.00	90.00	T	$0.54K_2O\cdot Al_2O_3\cdot 1.73SiO_2\cdot 0.37P_2O_5\cdot 2.96H_2O$
Zeolite Rb-M	30-1043	O	3.19_x	5.07_8	4.32_6	10.25	14.30	14.30	90.00	90.00	90.00	O	$Rb\text{-}Al\text{-}SiO_2\text{-}H_2O$
ZSM-5—MFI													
AMS-1B	42- 382	O	3.84_x	3.72_6	11.4_4							X	B_2SiO_5
AMS-1B	42- 383	O	3.84_x	3.72_6	11.2_5							X	$B_2O_3\text{-}SiO_2$
AMS-1Cr	43- 37	O	11.0_x	3.85_x	10.0_8							X	$Cr_2O_3\text{-}SiO_2\text{-}H_2O$
AMS-1Cr	47- 766	O	11.0_x	3.85_9	10.0_7							X	$Na\text{-}Cr\text{-}Si\text{-}O\text{-}C\text{-}H\text{-}N$
AMS-1Cr	47- 767	O	3.80_x	11.0_8	10.0_8							X	$(NH_4)\text{-}Cr\text{-}Si\text{-}O$
Natural ZSM-5	50-1665	i	3.85_x	3.75_x	11.2_8	20.22	20.05	13.49	90.00	90.00	90.00	O	$K_{0.11}Na_{2.76}Ca_{3.78}Mg_{0.21}Al_{11.22}Si_{84.91}O_{192}\cdot 80H_2O$
Nu-5	42- 119	O	3.86_x	11.1_7	3.82_7							X	$C_{23.6}H_{56.4}O_{18.8}(Na_2O)_{0.31}(Al_2O_3)(SiO_2)_{68}\cdot 24.6H_2O$
Nu-5	42- 120	O	3.86_x	11.1_3	3.83_7							X	$(Na_2O)_{0.97}(Al_2O_3)(SiO_2)_{70}\cdot 0.97H_2O$
Silicalite	44- 696	i	11.1_x	10.0_8	3.82_3	20.05	20.00	13.40	90.00	90.00	90.00	O	SiO_2
Silicalite-1, (DIPA,F)	45- 739	i	11.1_x	3.84_x	10.0_9	20.05	19.89	13.38	90.00	90.00	90.00	O	$C_{22.8}H_{76.8}F_{4.8}N_{4.8}O_{192}Si_{96}\cdot 6.6H_2O$
Silicalite-1, (TPA,F)	45- 737	i	11.1_x	9.96_9	3.83_9	20.04	19.93	13.38	90.00	90.00	90.00	O	$Si_{96}O_{192}[(C_3H_7)_4N]_4F_4$
Silicalite-1, (TRIPA,F)	45- 738	i	11.1_x	3.84_x	9.99_9	20.05	19.89	13.38	90.00	90.00	90.00	O	$Si_{96}O_{192}[(C_3H_7)_3NH]_4F_4\cdot 8H_2O$
Silicate E	47- 715	O	3.83_x	11.1_8	3.72_5							X	SiO_2
TSZ	43- 313	i	3.86_x	11.2_8	10.1_8	20.16	19.98	13.40	90.51	90.00	90.00	M	$Na_2Al_2Si_{26}O_{56}\cdot 12H_2O$
TSZ	44- 115	O	3.86_x	11.2_7	3.82_7							X	$Na_{2.02}Al_2Si_{34.1}O_{72.21}\cdot 11.2H_2O$
TeVK-II	42- 16	O	11.2_x	3.86_x	3.82_x	20.08	19.98	13.42	90.00	90.00	90.00	O	$C_8H_{20}BrN\text{-}Na_2O\text{-}Al_2O_3\text{-}SiO_2\text{-}H_2O$
TeVK-II	42- 17	i	11.1_x	3.86_x	3.82_x	20.11	19.95	13.43	90.00	90.00	90.00	O	$Na_{1.6}Al_2Si_{102}O_{209.9}\cdot xH_2O$
USC-4	47- 718	O	4.06_x	3.33_7	10.9_6							X	SiO_2
Unnamed zeolite	42- 15	i	3.84_5	3.81_x	3.71_x	20.02	19.92	13.37	90.00	90.00	90.00	O	$NaB_2Si_{27}O_{57.5}\cdot xH_2O$
Unnamed zeolite	48- 136	i	11.2_x	3.86_3	9.97_3	20.11	19.92	13.40	90.00	90.00	90.00	O	$Na_{2.6}Al_{1.8}Si_{94.1}O_{192}$
Unnamed zeolite	49- 78	★	3.72_x	3.85_x	3.82_6	19.86	20.11	13.40	90.00	90.56	90.00	M	$96SiO_2\cdot xICl$
Unnamed zeolite	49- 79	★	3.86_x	3.72_7	3.82_4	19.87	20.14	13.40	90.00	90.52	90.00	M	$96SiO_2\cdot xIBr$
Unnamed zeolite	49- 80	★	3.86_x	3.71_6	3.82_3	19.89	20.08	13.37	90.00	90.50	90.00	M	$96SiO_2\cdot xI_2$
Unnamed zeolite	49- 81	★	3.86_x	3.71_8	3.82_3	19.87	20.11	13.38	90.00	90.62	90.00	M	$Si_{96}O_{192}(Br_2)_x$
ZSM-5	37- 390	O	3.85_x	11.1_3	10.0_9							X	$Na_{1.78}Al_3Si_{21.1}O_{66.1}$

Zeolite Structure Type Name—Code

Zeolite Name	PDF#	QM	3 Strongest Reflections			Cell Parameters a	b	c	Cell Angles α	β	γ	Crys. Sys.	Chemical Formula
ZSM-5	39- 225	C	3.85_x	3.83_x	3.72_x	20.10	19.95	13.43	90.00	90.00	90.00	O	$(C_3H_7)_{16}N_4Si_{96}O_{192}(OH)_4$
ZSM-5	42- 23	C	3.84_x	3.81_8	11.1_6	20.02	19.90	13.38	90.00	90.00	90.00	O	$Na_{0.3}Al_{0.3}Si_{95.7}O_{192}(C_{12}H_{28}NOH)_4$
ZSM-5	42- 24	C	11.1_x	9.94_6	10.0_5	19.88	20.11	13.37	90.00	90.67	90.00	M	$H_{0.32}Al_{0.32}Si_{95.68}O_{192}$
ZSM-5	43- 321	O	3.84_x	3.74_6	11.3_5							X	$Na_{1.82}Al_2Si_{97}O_{197.91}$
ZSM-5	43- 322	O	3.83_x	3.72_4	11.2_4							X	$Na_{2.2}Al_2Si_{91}O_{186.1}$
ZSM-5	44- 2	i	3.83_x	11.1_7	9.94_5	19.96	19.96	13.38	90.00	90.00	90.00	T	$Al_2O_3{\cdot}54SiO_2$
ZSM-5	44- 3	★	11.1_x	9.91_7	10.0_6	20.10	19.90	13.40	90.00	90.00	90.00	O	$Al_2O_3{\cdot}54SiO_2$
ZSM-5	46- 120	C	11.1_x	10.0_5	3.85_3	20.08	19.92	13.40	90.00	90.00	90.00	O	$C_{80.4}(Al_{0.8}Si_{223.1}O_{48})$
ZSM-5	47- 638	i	11.2_x	3.85_x	10.0_8	20.08	19.96	13.48	90.00	90.00	90.00	O	$ZrSi_{24}O_{50}$
ZSM-5, (Al)	40- 64	O	3.86_x	3.83_7	3.72_5							X	$Na_{1.64}H_{3.56}(AlO_2)_{5.1}(SiO_2)_{90.9}$
ZSM-5, (Cs)	45- 133	C	11.2_x	9.97_0	3.85_5	20.10	19.93	13.43	90.00	90.00	90.00	O	$Cs_{0.4}(Al_{0.8}Si_{223.1}O_{48})\cdot 2.4H_2O$
ZSM-5, (Fe)	39- 161	O	3.85_x	3.81_7	3.72_5							X	$Na_{1.85}H_{3.5}(FeO_2)_{5.45}(SiO_2)_{90.55}$
ZSM-5, (H)	37- 359	O	3.85_x	11.3_6	10.2_6							X	$H\text{-}Al_2O_3\text{-}SiO_2$
ZSM-5, (Na)	37- 361	O	3.84_x	11.0_8	3.81_7							X	$Na_{2.6}Al_4(Si_{181.6}O_{320.5})$
ZSM-5, (Tl)	45- 191	C	3.85_x	11.1_x	3.82_7	20.11	19.93	13.43	90.00	90.00	90.00	O	$Tl_{3.25}Al_{3.43}Si_{92.57}O_{192}\cdot 27.14H_2O$
ZSM-8	41- 411		3.86_x	11.2_x	9.99_6	19.98	19.90	13.36	90.00	90.00	90.00	O	$Na_{3.29}Al_{5.48}Si_{90.52}O_{190.9}$
ZSM-8	48- 134	★	11.2_x	3.85_8	3.83_0	20.08	19.94	13.41	90.00	90.00	90.00	O	$Na_{0.6}Al_{2.3}Si_{93.7}O_{192}\cdot x(C_8H_{20}N)\cdot xH_2O$
ZSM-8	48- 135	★	11.2_x	3.86_4	9.98_3	20.12	19.93	13.41	90.00	90.00	90.00	O	$H_{1.7}Na_{0.6}Al_{2.3}Si_{93.7}O_{192}$
Zeolite HZSM-5	49- 657	O	3.87_x	3.83_6	3.73_4							X	$H_{4.65}Na_{0.32}(SiO_2)_{91.92}(AlO_2)_{4.07}\cdot 24H_2O$

ZSM-57—MFS

ZSM-57	45- 192	C	11.3_x	9.38_6	6.93_4	7.45	14.17	18.77	90.00	90.00	90.00	O	$H_{1.5}Al_{1.5}Si_{34.5}O_{72}$
ZSM-57, calcined	47- 635	O	3.76_x	11.3_6	3.46_6							X	$H_{1.44}Na_{0.56}Al_2Si_{43}O_{90}$

Montesommaite—MON

Montesommaite	46-1351	i	3.30_x	3.13_x	6.59_8	10.10	10.10	17.31	90.00	90.00	90.00	O	$(K,Na)_9Al_9Si_{23}O_{64}\cdot 10H_2O$

Mordenite—MOR

ECR-1	47- 288	O	3.17_x	3.50_8	9.10_5	18.15	26.31	7.31	90.00	90.00	90.00	O	$Na_2O\text{-}Al_2O_3\text{-}SiO_2$
Ferrimordenite	48- 513		3.47_x	4.00_6	3.23_6	18.17	20.52	7.49	90.00	90.00	90.00	O	$Na\text{-}Fe\text{-}Si\text{-}O\cdot xH_2O$
Mordenite	6- 239	i	3.48_x	3.22_x	9.10_9	18.16	20.45	7.54	90.00	90.00	90.00	O	$(Ca,Na_2,K_2)Al_2Si_{10}O_{24}\cdot 7H_2O$
Mordenite	29-1257	i	9.06_x	4.00_7	3.48_3	18.11	20.51	7.53	90.00	90.00	90.00	O	$(Na_2,Ca,K_2)Al_2Si_{10}O_{24}\cdot 7H_2O$
Mordenite	47- 410	O	9.08_x	3.48_7	4.00_6	18.08	20.49	7.53	90.00	90.00	90.00	O	$Na_{1.5}Ge_2Si_{10.5}O_{25.6}\cdot 0.21C_{20}H_{44}N_2O$
Mordenite, (Ba)	44- 48	C	13.5_x	8.99_2	3.43_2	17.97	20.32	7.42	90.00	90.00	90.00	O	$Ca_{0.32}Ba_{1.37}(Al_{3.6}Si_{28.9})O_{96}$
Mordenite, (Ca)	11- 155		3.48_x	3.22_9	9.10_8							X	$CaAl_2Si_{10}O_{24}\cdot 7H_2O$
Mordenite, (Cs)	44-1391	C	3.47_x	13.6_x	3.99_0	18.19	20.47	7.51	90.00	90.00	90.00	O	$Cs_{5.50}Al_8Si_{40}O_{96}$
Mordenite, (NH4)	43- 171	★	9.06_x	3.46_x	3.96_8	18.13	20.32	7.48	90.00	90.00	90.00	O	$(NH_4)_{4.42-n}Na_nAl_{4.42}Si_{43.58}O_{96}\cdot zH_2O$
Mordenite, (Na)	31-1268	O	6.96_x	6.80_7	6.41_7							X	$Na_2Al_2Si_{10}O_{24}\cdot 7H_2O$
Mordenite, (Na,Li)	38- 318	O	3.44_x	9.02_8	3.96_7							X	$0.345Li_2O\cdot 0.36Na_2O\cdot Al_2O_3\cdot 10.2SiO_2\cdot 6.6H_2O$
Mordenite, (Rb)	44-1387	C	13.6_x	3.45_4	3.98_3	18.13	20.41	7.46	90.00	90.00	90.00	O	$Rb_{7.68}Al_8Si_{40}O_{96}$
TASO-38	46- 860	O	9.03_x	3.99_5	3.47_5							X	$((C_3H_7)_4N)_2O\text{-}Al_2O_3\text{-}SiO_2\text{-}TiO_2\text{-}Na_2O\text{-}H_2O$
TASO-38	46- 861	O	9.03_x	3.99_9	3.47_6							X	$Na_{0.256}Ti_{0.396}Al_{0.06}Si_{0.525}O_{2.17}$
Zeolite Al-mordenite	49- 924	i	3.45_x	3.97_8	9.05_5	18.07	20.28	7.49	90.00	90.00	90.00	O	$Na_2Al_2Si_{13.3}O_{29.6+n}$
Zeolite Ga-mordenite	49- 925	★	3.47_x	3.98_6	3.22_5	18.07	20.44	7.51	90.00	90.00	90.00	O	$Na_{1.5}Ge_2Si_{19}O_{41.5}$
Zeolite M, (Sr)	17- 138		3.48_x	3.23_x	2.92_x	18.13	20.50	7.52	90.00	90.00	90.00	O	$SrAl_2Si_{10}O_{24}\cdot 7H_2O$

ZSM-39—MTN

CF-3	39- 155	O	11.2_x	3.69_5	4.31_9							X	$C_{8.04}H_{18.12}N_{3.02}\cdot 0.54Na_2O\cdot Al_2O_3\cdot 87SiO_2\cdot 3.97H_2O$
Dodecasil-3C	39- 227	C	3.73_x	5.85_x	3.28_x	19.40	19.40	19.40	90.00	90.00	90.00	C	$(N_2,Ar,CH_4)_x[N(CH_3)_3,CO_2]_yH_zSi_{136}O_{272}$
Dodecasil-3C	45- 284	★	3.74_x	3.28_9	5.88_8	13.68	13.68	19.54	90.00	90.00	90.00	T	$Si_{136}O_{272}(N_2,O_2,Ar)_{16}(C_8H_{18}NH)_8$
ZSM-39	40- 136	O	5.55_x	3.26_5	3.71_5	19.27	19.27	19.27	90.00	90.00	90.00	C	$C_8H_{34}N_2O\text{-}SiO_2\text{-}(NH_4)_2O\text{-}La_2O_3\text{-}H_2O$
ZSM-39	41- 553	O	3.74_x	3.28_8	5.86_8	13.69	13.69	19.52	90.00	90.00	90.00	T	$CH_3N\text{-}H\text{-}SiO_2\text{-}H_2O$
ZSM-39	47- 719	O	3.72_x	5.83_9	3.27_8							X	$Na_{0.01}Al_{0.0045}Si_{1.6}O_{3.04}\cdot((CH_3)_4N,C_3H_7NH_2)_{0.06}\cdot xH_2O$
ZSM-39	47- 720	O	5.82_x	5.56_9	3.72_9	19.40	19.40	19.40	90.00	90.00	90.00	C	SiO_2

ZSM-23—MTT

ISI-4	43- 15	O	10.9_x	4.51_x	3.69_x							X	$Na_{1.6}Al_2Si_{74}O_{151.8}$
SSZ-32	48- 495	O	3.92_x	3.73_x	4.55_7							X	$Al_2O_3\cdot 32.7SiO_2\cdot x(C_9H_{19}NO)\cdot zNa_2O$
ZSM-23	43- 582	O	3.90_x	3.72_8	4.26_8							X	$Na_{0.16}Al_2N_{4.15}Si_{67.9}O_{140.96}$
ZSM-23	44- 102	O	3.90_x	3.73_8	4.27_7							X	$Al_2Si_{60.6}O_{126.33}$
ZSM-23	46- 570	C	10.8_x	11.1_x	4.47_x	5.01	21.52	11.13	90.00	90.00	90.00	O	$Si_{24}O_{48}$
Zeolite KZ-1	37- 411	O	10.9_x	3.88_9	4.51_0							X	$Al_{0.236}Na_{0.012}Si_{15.9}O_{32.25}$

ZSM-12—MTW

CZH-5	47- 721	O	4.24_x	4.07_x	11.8_8							X	$Na_{0.40}Al_2Si_{64.2}O_{133}\cdot 2.76C_8H_{14}NO\cdot xH_2O$
TASO-49	48- 864	O	4.31_x	3.87_9	12.1_8							X	$((C_2H_5)_4N)_2O\text{-}Al_2O_3\text{-}TiO_2\text{-}Na_2O\text{-}SiO_2\text{-}H_2O$
ZSM-12	43- 439	i	4.29_x	3.87_7	3.96_4	12.60	11.10	24.40	90.00	108.00	90.00	M	$Na_{1.15}Al_2Si_{77.4}O_{158.28}$
ZSM-12	44- 68	O	4.24_x	3.87_5	3.84_4							X	$2C_{14}H_{28}N_2O\cdot 0.18Na_2O\cdot Al_2O_3\cdot 78SiO_2$
ZSM-12	47- 708	O	4.26_x	3.88_6	3.46_2	24.90	5.00	12.15	90.00	107.70	90.00	M	$Na\text{-}Al\text{-}Si\text{-}O\text{-}C_{17}H_{34}N_4\text{-}H_2O$

MCM-22—MWW

MCM-22	48- 75	O	3.43_x	12.5_x	8.85_5							X	$Al_2O_3\cdot 21SiO_2$
SSZ-25	46- 267	O	13.8_x	12.3_x	3.42_7							X	$Al_2O_3\text{-}SiO_2\text{-}C_{13}H_{29}NOH$
SSZ-25	50-1679	i	12.3_x	11.1_7	8.80_5	14.10	14.10	25.20	90.00	90.00	120.00	H	$K(SiAl)O_2$
SSZ-25, calcined	51-1598	O	12.3_x	8.81_7	3.42_7							X	$K_x(Al_xSi_{1-x})O_2$
Zeolite MCM-22	49- 656	i	12.3_x	8.73_x	11.0_9	14.11	14.11	24.88	90.00	90.00	120.00	H	$H_{2.37}Na_{3.10}(Al_{6.36}B_{5.11}Si_{65.53})O_{144}$

Natrolite—NAT

Ca-Tetranatrolite	42-1381	i	2.90_x	5.90_9	4.41_9	13.25	13.25	6.60	90.00	90.00	90.00	T	$(Na,Ca)_2(Si,Al)_3O_{10}\cdot 2H_2O$
Gonnardite	10- 473	O	2.92_x	5.93_8	4.44_6	13.38	13.38	6.61	90.00	90.00	90.00	T	$CaNa_4Si_6Al_4O_{20}\cdot 7H_2O$
Gonnardite	42-1380	i	2.90_x	5.90_9	4.41_9	13.29	13.29	6.59	90.00	90.00	90.00	T	$(Ca,Na)_2[Si,Al)_3O_{10}\cdot 3H_2O$
Gonnardite	45-1324	C	2.88_x	5.92_5	3.21_5	13.21	13.21	6.62	90.00	90.00	90.00	T	$(Na,Ca)_2(Si,Al)_3O_{10}\cdot 3H_2O$
Mesolite	24-1064	i	2.89_x	2.87_7	5.90_7	56.70	6.53	18.47	90.00	90.00	90.00	O	$Na_2Ca_2Al_6Si_9O_{30}\cdot 8H_2O$
NAT	44- 49	C	5.94_x	6.58_5	2.89_5	18.42	18.83	6.65	90.00	90.00	90.00	O	$Na_{3.94}(Ga_{1.94}Si_{3.06}O_{10})\cdot 2H_2O$
Natrolite	45-1413	★	5.89_x	2.87_5	6.54_5	18.30	18.66	6.59	90.00	90.00	90.00	O	$Na_2Al_2Si_3O_{10}\cdot 2H_2O$
Natrolite, (Ga)	33-1243	O	5.66_x	3.00_x	5.86_9							X	$Na_2Ga_2Si_3O_{10}$
Natrolite, (Ga)	34- 583		3.83_x	2.98_x	2.50_7							X	$Na_3Ga_2Si_3O_{10}$
Natrolite, (K)	38- 337	i	6.92_x	2.97_8	3.00_3	19.34	19.81	6.50	90.00	90.00	90.00	O	$K_2Al_2Si_3O_{10}\cdot 2H_2O$
Paranatrolite	35- 458		2.94_x	5.92_5	4.44_4	19.07	19.13	6.58	90.00	90.00	90.00	O	$Na_2Al_2Si_3O_{10}\cdot 3H_2O$
Paranatrolite	42-1386	O	6.75_x	2.95_7	2.90_5	18.93	19.21	6.59	90.00	90.00	90.00	O	$Na_2K_{0.25}(Al,Si)_5O_{10}\cdot 3H_2O$
Scolecite	41-1355	i	6.63_x	4.74_7	5.87_6	18.48	18.96	6.55	90.00	90.75	90.00	M	$CaAl_2Si_3O_{10}\cdot 3H_2O$
Tetranatrolite	33-1205	i	2.87_x	6.55_6	4.39_5	13.10	13.10	6.64	90.00	90.00	90.00	T	$Na_2Al_2Si_3O_{10}\cdot 2H_2O$

NU-87—NES

Gottardiite	49-1814	i	11.3_x	4.37_8	3.28_7	13.70	25.21	22.66	90.00	90.00	90.00	O	$Na_2Mg_3Ca_5Al_{18}Si_{117}O_{272}\cdot 93H_2O$
Gottardiite	49-1831	★	11.3_x	3.78_4	4.37_2	13.70	25.21	22.66	90.00	90.00	90.00	O	$Na_8Mg_3Ca_5Al_{18}Si_{117}O_{272}$
Zeolite Nu-87	48- 39	O	11.1_x	3.26_9	4.31_9							X	$Na_{12}Al_9SiO_6$
Zeolite Nu-87, (Na)	48- 545	O	4.32_x	3.99_8	3.27_6							X	$Na_{0.78}Al_2Si_{37.6}O_{78.34}\cdot xC_{18}H_{38}N_2Br_2$

Zeolite Structure Type Name—Code

Zeolite Name	PDF#	QM	3 Strongest Reflections			Cell Parameters a	b	c	Cell Angles α	β	γ	Crys. Sys.	Chemical Formula
Nonasil—NON													
Dithrasil	38-1823	*	4.30$_x$	4.61$_7$	3.97$_5$	22.23	15.06	13.63	90.00	90.00	90.00	O	$C_{20}H_{32}N_4$*88SiO_2
Nonasil	42- 25	C	4.31$_x$	4.61$_6$	9.19$_4$	22.23	15.06	13.63	90.00	90.00	90.00	O	$Si_{88}O_{176}(C_6H_{11}NH_2)_4$
Offretite—OFF													
Offretite	22- 803	i	11.5$_x$	2.88$_7$	4.35$_6$	13.29	13.29	7.58	90.00	90.00	120.00	H	$(K,Ca,Mg)_5Al_5Si_{13}O_{36}$*14$H_2O$
Offretite	25-1186	C	11.5$_x$	3.77$_2$	2.86$_2$	13.29	13.29	7.58	90.00	90.00	120.00	H	$(K,Ca,Mg)_5Al_5Si_{13}O_{36}$*14$H_2O$
Unnamed zeolite	47- 358	O	9.32$_x$	6.88$_3$	6.92$_2$							X	$(K,Na)Al_2Si_{79}O_{159.6}$
Unnamed zeolite	47- 636		11.5$_x$	3.74$_7$	3.57$_6$	13.29	13.29	7.51	90.00	90.00	120.00	H	$C_{0.05}H_{0.24}N_{0.22}K_{2.04}Na_{0.06}Al_2Si_{7.5}O_{20.72}$*x$H_2O$
Unnamed zeolite	47- 637		11.4$_x$	3.75$_7$	2.83$_7$	13.16	13.16	7.53	90.00	90.00	120.00	H	$K_{2.04}Na_{0.06}Al_2Si_{7.5}O_{20.7}$
ZSM-34	42- 308	O	11.5$_x$	3.76$_9$	3.59$_9$							X	Na_2O-K_2O-Al_2O_3-SiO_2
ZSM-34	42- 374	O	6.59$_x$	11.4$_8$	3.58$_6$	13.11	13.11	15.05	90.00	90.00	120.00	H	K-Na-Al_2-Si-O-H_2O
ZSM-34	43- 578	O	11.6$_x$	3.76$_9$	3.59$_9$							X	$C_{6.4}H_{17.9}N_{1.3}O_{1.28}$*$K_{0.94}Na_{0.22}Al_2Si_{10.5}O_{25.2}$
Partheite—PAR													
Partheite	36- 378	i	10.8$_x$	8.12$_8$	6.10$_7$	21.59	8.78	9.31	90.00	91.47	90.00	M	$Ca_2Al_4Si_4O_{15}(OH)_2$*$4H_2O$
Paulingite—PAU													
ECR-18	47- 354	i	3.05$_x$	3.58$_9$	3.26$_9$	35.10	35.10	35.10	90.00	90.00	90.00	C	$Na_{1.27}Eb_{0.60}Al_2Si_{8.56}O_{17.03}$*$0.12C_{16}H_{10}N_2O$
Paulingite	39-1378	*	3.08$_x$	3.26$_9$	4.78$_8$	35.11	35.11	35.11	90.00	90.00	90.00	C	$K_9Ca(Si_{16}Al_8)O_{48}$*$22H_2O$
Paulingite	50-1604	*	3.08$_x$	8.23$_3$	3.26$_7$	35.12	35.12	35.12	90.00	90.00	90.00	C	$K_{2.25}Na_{0.23}Ba_{1.25}Ca_{2.57}Al_{11.55}Si_{30.59}O_{84}$*$27H_2O$
Zeolite ECR-18	48- 536	i	3.25$_x$	8.26$_9$	6.87$_8$	35.00	35.00	35.00	90.00	90.00	90.00	C	$K_{0.88}Na_{1.06}Al_2Si_{8.16}O_{16.29}$*$0.09C_{16}H_{40}N_2O$
Phillipsite—PHI													
Harmotome	39-1377	i	3.13$_x$	6.39$_3$	3.17$_7$	9.88	14.13	8.68	90.00	124.43	90.00	M	$Ba(Si_2Al_2)O_8$*$3H_2O$
Harmotome, (Na)	12- 687		4.08$_x$	3.16$_x$	7.10$_9$							X	$NaAl_2Si_6O_{16}$*$6H_2O$
Phase M, (Ba)	30- 107	O	8.24$_x$	6.39$_x$	3.12$_x$							X	Ba-Al-Si-H_2O
Phase M, (Ba,Li)	30-1158	O	4.07$_x$	3.14$_x$	8.16$_8$							X	(Ba,Na)*Al*SiO_4*H_2O
Phase M, (Ba,Na)	30- 743	O	4.08$_x$	3.16$_x$	2.67$_x$							X	$(Ba,Li)AlSiO_4$*H_2O
Phillipsite	39-1375	i	3.21$_x$	7.16$_7$	7.18$_6$	9.88	14.32	8.69	90.00	124.32	90.00	M	$KCa(Si_5Al_3)O_{16}$*$6H_2O$
Phillipsite	51-1497		3.19$_x$	7.14$_8$	5.05$_7$	9.96	14.25	14.31	90.00	90.00	90.00	O	$(K_2,Na)Al_4Si_{11.3}O_{32}$*$13H_2O$
ECR-17	47- 764	O	4.01$_x$	5.07$_x$	4.21$_8$							X	$C_8H_{18}N$-Al_2O_3-SiO_2-Na_2O-H_2O
Unnamed zeolite	24-1046	O	6.58$_x$	3.86$_8$	3.00$_7$	9.53	9.53	9.10	90.00	90.00	90.00	T	$Na_{4.4}Al_{4.4}Si_{3.6}O_{32}$*$4.6H_2O$
Unnamed zeolite	34-1857	O	7.49$_x$	3.18$_x$	3.73$_7$							X	$Li_2Na_{0.5}Si_2Al_2O_{8.25}$*$6H_2O$
Unnamed zeolite	34-1458	O	4.77$_x$	2.94$_x$	3.17$_8$							X	$Cs_{0.34}Na_{0.4}Si_{2.4}Al_2O_9$*$4.8H_2O$
Unnamed zeolite	46-1427	i	3.19$_x$	7.11$_8$	4.10$_4$	8.76	14.24	8.69	90.00	110.20	90.00	M	$(K,Na)_2(Si,Al)_8O_{16}$*$4H_2O$
Unnamed zeolite	47- 162	O	3.14$_x$	4.07$_6$	2.66$_6$							X	$Na_{12}Al_{12}Si_{12}O_{48}$*$27H_2O$
Wellsite	39-1376	i	7.14$_x$	3.19$_x$	4.11$_7$	9.91	14.25	8.71	90.00	124.65	90.00	M	$K(Ca,Ba)(Si_5Al_3)O_{16}$*$6H_2O$
Zeolite H	16- 715		3.20$_x$	7.13$_8$	3.14$_8$	9.90	14.29	14.29	90.00	90.00	90.00	O	$(K_2)_{0.48}Ca_{0.52}Al_2Si_4O_{12}$*x$H_2O$
Rho—RHO													
Beryllophosphate-R	46- 292	*	2.90$_x$	9.61$_x$	3.64$_8$	13.61	13.61	13.61	90.00	90.00	90.00	C	$Li_{24}Be_{24}P_{24}O_{96}$*$40H_2O$
DFZ-2A	43- 516	i	3.81$_x$	3.18$_x$	3.04$_9$	14.24	14.24	14.24	90.00	90.00	90.00	C	$Rb_{24}Be_{24}As_{24}O_{96}$*$40H_2O$
DFZ-2B	47- 248	i	3.76$_x$	9.97$_8$	3.14$_7$	14.06	14.06	14.06	90.00	90.00	90.00	C	$Li_{24}Be_{24}As_{24}O_{96}$*$40H_2O$
ECR-10	46- 539	i	3.32$_x$	10.5$_8$	3.16$_8$	14.84	14.84	14.84	90.00	90.00	90.00	C	$Cs_{0.88}Na_{1.08}Ga_2Si_{2.48}O_{8.14}$*x$H_2O$
Pahasapaite	41-1384		9.60$_x$	3.68$_9$	3.25$_9$	13.78	13.78	13.78	90.00	90.00	90.00	C	$(Ca,Li)_{11}Li_8Be_{24}(PO_4)_{24}$*$38H_2O$
RHO (Tl)	46- 553	C	10.2$_x$	3.23$_4$	5.90$_3$	14.46	14.46	14.46	90.00	90.00	90.00	C	$Tl_{9.92}Al_{11}Si_{37}O_{96}$*$1.2H_2O$
Rho	27- 15	i	10.5$_x$	6.09$_4$	3.52$_3$	14.99	14.99	14.99	90.00	90.00	90.00	C	$Al_{12}H_{12}Si_{36}O_{96}$
Rho	27-1086	O	10.3$_x$	3.44$_5$	3.26$_5$	14.60	14.60	14.60	90.00	90.00	90.00	C	$NaCsAlSiO$*xH_2O
Rho	40- 337	*	6.11$_x$	10.6$_x$	3.52$_9$	14.95	14.95	14.95	90.00	90.00	90.00	C	$(NH_4)_{9.9}Cs_{0.7}Al_{10.6}Si_{37.4}O_{96}$*x$H_2O$
Rho (Rb,Be,P)	46- 552	C	9.53$_x$	3.01$_x$	3.89$_x$	13.48	13.48	13.48	90.00	90.00	90.00	C	$Rb_{11.7}Be_{24}P_{24}O_{96}$
Rho (Tl,Be,As)	46- 554	C	4.43$_x$	3.30$_x$	3.13$_x$	14.00	14.00	14.00	90.00	90.00	90.00	C	$Tl_{11.7}Be_{24}As_{24}O_{96}$
Rho Tl,Be,P)	46- 555	C	4.32$_x$	4.83$_x$	3.22$_x$	13.65	13.65	13.65	90.00	90.00	90.00	C	$Tl_{21.2}Be_{24}P_{24}O_{96}$
Rho (Cs)	39-1366	C	3.54$_x$	10.6$_x$	3.36$_x$	15.03	15.03	15.03	90.00	90.00	90.00	C	$Na_9Cs_3Al_{12}Si_{36}O_{96}$*$73H_2O$
Rho (Cs)	40- 59	i	10.4$_x$	3.47$_x$	6.00$_6$	14.70	14.70	14.70	90.00	90.00	90.00	C	$Cs_{9.06}Na_{1.84}Al_{12}Si_{12.8}O_{15.6}$
Rho (NH4)	44-1498	C	3.41$_x$	2.84$_x$	3.09$_x$	14.48	14.48	14.48	90.00	90.00	90.00	C	$(NH_4)_{12}Al_{12}Si_{36}O_{96}$
Rho (NH4)	44-1499	C	3.39$_x$	5.88$_x$	1.33$_x$	14.40	14.40	14.40	90.00	90.00	90.00	C	$(NH_4)_{12}Al_{12}Si_{36}O_{96}$
Rho (NH4)	44-1500	C	3.49$_x$	2.54$_x$	2.91$_x$	14.82	14.82	14.82	90.00	90.00	90.00	C	$(NH_4)_{12}Al_{12}Si_{36}O_{96}$
Rho (Na,Ca)	43- 53	i	10.3$_x$	3.25$_5$	3.44$_5$	14.60	14.60	14.60	90.00	90.00	90.00	C	$Ca_{0.44}Na_{1.28}Al_2Si_{6.3}O_{16.45}$
Zeolite Rho, (Rb,Be,As)	45- 129	C	9.90$_x$	3.74$_3$	3.13$_x$	14.00	14.00	14.00	90.00	90.00	90.00	C	$Rb_{24}Be_{24}As_{24}O_{96}$*$3.2H_2O$
Zeolite-RHO	50-1678	i	3.54$_x$	10.6$_9$	3.36$_6$	15.03	15.03	15.03	90.00	90.00	90.00	C	$C_{11.4}H_{23.6}O_{5.7}$*$Na_{2.8}Cs_5(Al_{9.8}Si_{38.2}O_{96})$*$29H_2O$
Roggianite—RON													
Roggianite	39- 366	*	13.0$_x$	9.16$_5$	3.41$_4$	18.37	18.37	9.18	90.00	90.00	90.00	T	$Be_2Ca_4Al_4Si_7O_{24}(OH)_4$*$3H_2O$
RUB-3—RTE													
RUB-3	50-1695	*	9.66$_x$	4.96$_9$	4.33$_8$	14.04	13.60	7.43	90.00	102.23	90.00	M	$(C_{17}H_{13}N)_2SiO_2$
RUB-3	50-1703	C	9.66$_x$	6.27$_4$	4.53$_2$	14.04	13.60	7.43	90.00	102.22	90.00	M	SiO_2
RUB-13—RTH													
RUB-13	50-1677	*	10.2$_x$	9.77$_x$	4.70$_9$	9.66	20.46	9.83	90.00	96.58	90.00	M	$C_{16}H_{3.36}N_{1.6}$*$Si_{30.4}B_{1.6}O_{64}$
RUB-13	50-1707	C	10.2$_x$	9.77$_6$	8.69$_6$	9.66	20.46	9.83	90.00	96.58	90.00	M	$C_{11}H_{27}$*$Si_{30.4}B_{1.6}O_{64}$
RUB-10—RUT													
RUB-10	48- 747	O	4.03$_x$	6.19$_8$	3.85$_7$							X	$Al_2Si_{50}O_{103}$
RUB-10	43- 52	i	4.01$_x$	3.83$_6$	6.17$_6$	13.10	12.90	12.40	90.00	113.50	90.00	M	$C_{1.2}H_{3.6}Al_2N_{0.3}Na_{1.4}O_{107.7}Si_{52}$*$6H_2O$
RUB-10	47- 594	O	4.03$_x$	6.19$_9$	3.85$_7$							X	$H_{1.88}Na_{0.02}Al_2Si_{50}O_{104}$
RUB-10	47- 596	O	4.07$_x$	3.90$_7$	4.00$_6$							X	Na-Al-Si-O-H_2O-$C_4H_{12}N$
RUB-10	52-1184	O	4.03$_x$	3.87$_7$	3.94$_6$							X	$Si_{25}TiO_{72}$*H_2O
Zeolite Nu-1	49- 933	O	8.32$_x$	4.07$_8$	3.98$_8$							X	SiO_2-Al_2O_3-NH_4F-$(CH_3)_4NCl$-H_2O
STA-1—SAO													
STA-1	49- 628	C	11.5$_x$	4.44$_1$	6.38$_1$	13.62	13.62	21.65	90.00	90.00	90.00	T	C_xH_xN*$[Mg_5Al_{33}P_{28}O_{112}]$
STA-1	51-1757	*	11.7$_x$	4.51$_5$	5.86$_2$	13.83	13.83	22.02	90.00	90.00	90.00	T	$Mg_{0.3}Al_{0.8}PO_4$
STA-6—SAS													
STA-6	51-1754	i	5.46$_x$	4.22$_8$	4.63$_7$	14.33	14.33	10.44	90.00	90.00	90.00	T	$Zn_{0.3}Al_{0.8}PO_4$
STA-2—SAT													
STA-2	49- 620	C	5.44$_x$	4.14$_x$	4.10$_5$	12.76	12.76	30.94	90.00	90.00	120.00	R	$C_{64}H_{102}N_8$*$(Mg_{6.4}Al_{30.6}P_{36}O_{144})$
STA-2	51-1756		4.25$_x$	5.60$_8$	10.8$_7$	13.23	13.23	30.63	90.00	90.00	120.00	R	$Mg_{0.3}Al_{0.8}PO_4$
UCSB-8Co—SBE													
UCSB-8Co	49- 625	C	13.5$_x$	13.8$_2$	6.03$_1$	19.07	19.07	27.59	90.00	90.00	90.00	T	$xC_9H_{24}N_2$*$[Al_{32}Co_{32}P_{64}O_{256}]$
UCSB-6GaCo—SBS													
UCSB-6GaCo	49- 626	C	13.4$_x$	13.6$_x$	15.4$_3$	17.84	17.84	27.18	90.00	90.00	120.00	H	$xC_7H_{20}N_2$*$[Ga_{24}Co_{24}P_{48}O_{192}]$

Zeolite Structure Type Name—Code

Zeolite Name	PDF#	QM	3 Strongest Reflections			Cell Parameters a	b	c	Cell Angles α	β	γ	Crys. Sys.	Chemical Formula
UCSB-10GaZn—SBT													
UCSB-10.GaZn	49- 617	C	14.7$_x$	14.0$_8$	12.5$_3$	18.08	18.08	41.95	90.00	90.00	120.00	R	$xC_{10}H_{26}N_2$•[$Ga_{36}Zn_{30}P_{72}O_{288}$]
SSZ-44—SFF													
SSZ-44	52- 115	O	4.63$_x$	11.0$_8$	3.48$_4$							X	$C_{11}H_{22}$-Al_2O_3-N-Na-SiO_2-H_2O
SSZ-44	52- 117	O	4.63$_x$	11.0$_8$	10.2$_4$							X	$C_{11}H_{22}$N-Al_2O_3-Na-SiO_2-H_2O
Sigma-2—SGT													
ZSM-58	43- 40	O	5.16$_x$	3.39$_x$	3.36$_9$							X	$Na_{0.3}Al_{2.564}Si_{100}O_{203.936}$
Zeolite Sigma-2	40-1498	★	4.54$_8$	4.49$_x$	2.76$_8$	10.24	10.24	34.38	90.00	90.00	90.00	T	SiO_2
Zeolite Sigma-2	42- 26	C	4.49$_x$	4.54$_x$	3.34$_4$	10.24	10.24	34.38	90.00	90.00	90.00	T	$Si_{64}O_{128}(C_{10}H_{17}N)_4$
Sodalite—SOD													
AlPO4-20	43- 569	O	3.63$_x$	6.33$_6$	4.46$_4$							X	$AlPO_4$•1.085H_2O
AlPO4-20	45- 509	i	3.64$_x$	6.29$_4$	4.45$_4$	8.91	8.91	8.91	90.00	90.00	90.00	C	$AlPO_4$
AlPO4-20	50-1697	O	3.64$_x$	4.45$_4$	6.29$_3$	8.93	8.93	8.93	90.00	90.00	90.00	C	$C_4H_{12}N$-Na_2O-$AlPO_4$-H_2O
AlPO4-20 (Sodalite)	47- 597	O	6.19$_8$	3.59$_6$	4.37$_3$							X	$AlPO_4$
CoAPO-20	50-1701	O	3.66$_x$	4.48$_4$	6.32$_3$	8.98	8.98	8.98	90.00	90.00	90.00	C	$C_4H_{12}N$-$AlPO_4$-Co_3O_4-H_2O
CuAPO-20	50-1700	O	3.65$_x$	4.46$_3$	6.31$_3$	8.95	8.95	8.95	90.00	90.00	90.00	C	$C_4H_{12}N$-Na_2O-$AlPO_4$-CuO-H_2O
DPZ-7A	47- 246	i	3.60$_x$	2.55$_9$	2.79$_9$	8.82	8.82	8.82	90.00	90.00	90.00	C	$Na_6Zn_6(PO_4)_6$•8H_2O
DPZ-7B	47- 247	★	2.61$_x$	6.40$_x$	3.69$_x$	9.03	9.03	9.03	90.00	90.00	90.00	C	$Na_6Zn_6(AsO_4)_6$•8H_2O
Danalite	11- 491		3.35$_x$	1.93$_7$	2.19$_5$	8.21	8.21	8.21	90.00	90.00	90.00	C	$(Fe,Mn)_4Be_3Si_3O_{12}S$
Ethylene glycol sodalite	49-1063	★	3.60$_x$	6.24$_8$	4.42$_6$	8.83	8.83	8.83	90.00	90.00	90.00	C	$C_2H_4(OH)_2$•0.167SiO_2
Genthelvite	38- 467	★	3.31$_x$	1.91$_4$	2.17$_2$	8.12	8.12	8.12	90.00	90.00	90.00	C	$Zn_4Be_3Si_3O_{12}S$
Hauyne	37- 473	★	3.72$_x$	2.63$_2$	2.15$_2$	9.12	9.12	9.12	90.00	90.00	90.00	C	$Na_6Ca_2Al_6Si_6O_{24}(SO_4)_2$
Hauyne	50-1644		3.72$_x$	2.62$_8$	2.14$_7$	9.08	9.08	9.08	90.00	90.00	90.00	C	$K_{0.26}Na_{6.11}Ca_{1.36}Al_{5.86}Si_{6.14}O_{24}[(SO_4)_{1.63}Cl_{0.23}]$
Hauyne	29-1221		3.72$_x$	2.64$_3$	2.15$_3$	9.12	9.12	9.12	90.00	90.00	90.00	C	$Na_6Pb_2Al_6Si_6O_{24}(SO_4)_2$
Hauyne-Pb	11- 401		3.63$_x$	6.25$_8$	2.56$_8$	8.87	8.87	8.87	90.00	90.00	90.00	C	$Na_4Al_3Si_3O_{12}(OH)$
Hydroxysodalite	17- 749		3.71$_x$	2.62$_8$	2.87$_5$	9.09	9.09	9.09	90.00	90.00	90.00	C	$Na_6Ca_2Al_6Si_6O_{24}(SO_4)_2$
Lazurite	41-1392	i	3.71$_x$	2.62$_8$	6.43$_4$	9.09	12.86	25.71	90.00	90.00	90.00	A	$Na_6Ca_2Al_6Si_6O_{24}(SO_4)_2$
Lazurite	41-1393	★	3.72$_x$	2.62$_8$	2.14$_6$	36.36	51.40	51.40	90.00	90.00	90.00	M	$Na_6Ca_2Al_6Si_6O_{24}(SO_4)$
Lazurite	42-1312	i	3.71$_x$	2.62$_8$	2.14$_5$	9.07	9.07	9.07	90.00	90.00	90.00	C	$Na_6Ca_2Al_6Si_6O_{24}(SO_4)_2$
MnAPO-20	50-1698	O	4.51$_x$	3.69$_7$	2.62$_2$	9.00	9.00	9.00	90.00	90.00	90.00	C	$C_4H_{12}N$-Na_2O-$AlPO_4$-MnO-H_2O
NiAPO-20	50-1699	O	3.68$_x$	4.51$_4$	6.42$_3$	8.99	8.99	8.99	90.00	90.00	90.00	C	$C_4H_{12}N$-$AlPO_4$-NiO-H_2O
Nosean	17- 538	i	3.71$_x$	2.63$_8$	6.45$_7$	9.08	9.08	9.08	90.00	90.00	90.00	C	$Na_8Al_6Si_6O_{24}SO_4$
SAPO-20	45- 510	i	3.67$_x$	4.49$_3$	6.35$_2$	8.98	8.98	8.98	90.00	90.00	90.00	C	$(Al_{0.47}Si_{0.12}P_{0.40})O_2$
SAPO-20	47- 615	O	3.66$_x$	4.48$_5$	6.28$_4$							X	$Al_{0.47}Si_{0.15}P_{0.38}O_2$•0.16$C_4H_{12}N$•0.12$H_2O$
SAPO-20	47- 616	i	6.33$_x$	3.66$_x$	4.48$_4$	8.97	8.97	8.97	90.00	90.00	90.00	C	$Al_{0.47}Si_{0.15}P_{0.38}O_2$
Silica sodalite	51-1423	i	3.61$_x$	6.25$_8$	4.42$_4$	8.86	8.86	8.86	90.00	90.00	90.00	C	$(C_7H_7NO)(Si_6O_{12})$
Sodalite	37- 476	★	3.62$_x$	6.28$_4$	2.09$_2$	8.88	8.88	8.88	90.00	90.00	90.00	C	$Na_4Al_3Si_3O_{12}Cl$
Sodalite	46- 103	★	3.72$_x$	6.44$_4$	2.63$_4$	9.10	9.10	9.10	90.00	90.00	90.00	C	$Na_7Al_6Si_6O_{24}S_2$
Sodalite	50- 562	★	3.62$_x$	4.44$_5$	6.28$_4$	8.87	8.87	8.87	90.00	90.00	90.00	C	$(C_3H_6O_2)_2(Si_6O_{12})_2$
Sodalite	52- 145	i	3.70$_x$	6.41$_5$	2.61$_3$	9.06	9.06	9.06	90.00	90.00	90.00	C	$Na_8Mg_3Si_9O_{24}(OH)_2$
Sodalite	52- 146	i	3.67$_x$	6.36$_5$	2.12$_3$	9.00	9.00	9.00	90.00	90.00	90.00	C	$Na_8Mg_3Si_9O_{24}(Cl,OH)_2$
Sodalite (F)	49- 937	i	6.35$_x$	3.67$_9$	2.12$_8$	8.99	8.99	8.99	90.00	90.00	90.00	C	$Na_8[Al_6Si_6O_{24}]_2NaF$•$xH_2O$
Sodalite (Li,Cl,Be,As)	46- 560	C	3.68$_x$	3.36$_9$	5.82$_8$	8.24	8.24	8.24	90.00	90.00	90.00	C	$Li_4ClBe_3As_3O_{12}$
Sodalite (Li,Cl,Be,P)	46- 561	C	3.28$_x$	5.68$_5$	3.59$_3$	8.03	8.03	8.03	90.00	90.00	90.00	C	$Li_4ClBe_3P_3O_{12}$
Sodalite, (Ag)	43- 238	i	3.65$_x$	2.83$_x$	2.11$_x$	8.96	8.96	8.96	90.00	90.00	90.00	C	$Ag_6[Al_6Si_6O_{24}]$•$8H_2O$
Sodalite, (Ag)	43- 239		3.62$_x$	1.99$_x$	2.57$_x$	8.92	8.92	8.92	90.00	90.00	90.00	C	$Ag_8[Al_6Si_6O_{24}](OH)_2$•$2H_2O$
Sodalite, (Ag,Ga)	43- 240	i	2.85$_x$	3.68$_8$	2.41$_7$	9.02	9.02	9.02	90.00	90.00	90.00	C	$Ag_{5.77}[Ga_{5.77}Si_{6.23}O_{24}]$•$8H_2O$
Sodalite, (B(OH)4)	43- 250	i	3.66$_x$	2.60$_9$	2.12$_7$	9.01	9.01	9.01	90.00	90.00	90.00	C	$Na_8[AlSiO_4]_6[B(OH)_4]_2$
Sodalite, (B(OH)4)	43- 251	i	3.67$_x$	2.60$_7$	6.33$_2$	18.06	18.06	9.01	90.00	90.00	90.00	T	$Na_8[AlSiO_4]_6[B(OH)_4]_2$
Sodalite, (CN)	37- 196	i	3.64$_x$	6.31$_5$	2.58$_4$	8.92	8.92	8.92	90.00	90.00	90.00	C	$Na_8Al_6Si_6O_{24}(CN)_2$•xH_2O
Sodalite, (CO3)	24-1045		6.26$_x$	3.63$_x$	2.58$_9$	17.71	17.71	17.71	90.00	90.00	90.00	C	$Na_8Al_6Si_6O_{24}CO_3$
Sodalite, (Ga)	43- 245	i	6.21$_x$	3.60$_x$	2.55$_9$	8.84	8.84	8.84	90.00	90.00	90.00	C	$Na_{8-x}[Ga_{3.77}Si_{6.23}O_{24}](OH)_x$•$8H_2O$
Sodalite, (Ge)	43- 141	C	6.38$_x$	3.69$_9$	2.61$_6$	9.03	9.03	9.03	90.00	90.00	90.00	C	$Na_8Al_6Ge_6O_{24}(OH)_2$
Sodalite, (Ge)	43- 241	★	2.62$_x$	6.42$_9$	1.61$_8$	9.08	9.08	9.08	90.00	90.00	90.00	C	$Na_8[AlGeO_4]_6(NO_2)_2$
Sodalite, (Ge)	43- 242	i	2.61$_x$	2.86$_9$	1.36$_9$	9.03	9.03	9.03	90.00	90.00	90.00	C	$Na_8[AlGeO_4]_6(OH)_2$•$2H_2O$
Sodalite, (Ge,B(OH)4)	43- 248	i	2.64$_x$	1.62$_9$	3.73$_9$	9.15	9.15	9.15	90.00	90.00	90.00	C	$Na_8[AlGeO_4]_6[B(OH)_4]_2$
Sodalite, (Ge,Br)	43- 138	C	3.71$_x$	2.43$_3$	4.07$_x$	9.09	9.09	9.09	90.00	90.00	90.00	C	$Na_8Al_6Ge_6O_{24}Br_2$
Sodalite, (Ge,Br)	43- 248	i	2.43$_x$	1.61$_x$	3.71$_9$	9.08	9.08	9.08	90.00	90.00	90.00	C	$Na_8[AlGeO_4]_6Br_2$
Sodalite, (Ge,Cl)	43- 139	C	3.69$_x$	6.40$_5$	2.61$_3$	9.04	9.04	9.04	90.00	90.00	90.00	C	$Na_8Al_6Ge_6O_{24}Cl_2$
Sodalite, (Ge,Cl)	43- 247	i	2.61$_x$	3.69$_9$	2.42$_9$	9.03	9.03	9.03	90.00	90.00	90.00	C	$Na_8[AlGeO_4]_6Cl_2$
Sodalite, (Ge,ClO4)	43- 244	i	3.77$_x$	2.92$_7$	1.52$_7$	9.23	9.23	9.23	90.00	90.00	90.00	C	$Na_8[AlGeO_4]_6(ClO_4)_2$
Sodalite, (Ge,I)	43- 140	C	3.75$_x$	2.45$_3$	4.59$_2$	9.18	9.18	9.18	90.00	90.00	90.00	C	$Na_8Al_6Ge_6O_{24}I_2$
Sodalite, (Ge,I)	43- 249	★	2.45$_x$	3.74$_x$	2.16$_9$	9.16	9.16	9.16	90.00	90.00	90.00	C	$Na_8[AlGeO_4]_6I_2$
Sodalite, (Ge,NO3)	43- 243	i	3.72$_x$	2.63$_x$	1.61$_8$	9.11	9.11	9.11	90.00	90.00	90.00	C	$Na_8[AlGeO_4]_6(NO_3)_2$
Sodalite, (GeBr)	43-1487	C	3.71$_x$	2.43$_3$	6.43$_3$	9.09	9.09	9.09	90.00	90.00	90.00	C	$Na_8(AlGeO_4)_6Br_{1.5}(OH)_{0.5}$
Sodalite, (K,Cl)	41- 72	O	3.75$_x$	2.17$_8$	2.89$_3$							X	$KNa_3Al_3Cl(SiO_4)_3$
Sodalite, (NH4)	14- 17	O	3.64$_x$	6.33$_9$	2.58$_6$	8.93	8.93	8.93	90.00	90.00	90.00	C	$(NH_4)_3Al_3Si_3O_{12}Cl$
Sodalite, (NO2,CO3)	48- 443	i	3.67$_x$	6.36$_9$	2.60$_7$	9.00	9.00	9.00	90.00	90.00	90.00	C	$Na_8[AlSiO_4]_6(NO_2)(CO_3)_{0.5}$
Sodalite, (Na,ClO4)	44- 79	i	3.72$_x$	2.63$_2$	2.14$_3$	9.10	9.10	9.10	90.00	90.00	90.00	C	$Na_4Al_3Si_3ClO_{16}$
Sodalite, (Na,Zn,P)	45- 122	C	6.24$_x$	3.60$_8$	2.55$_7$	8.83	8.83	8.83	90.00	90.00	90.00	C	$Na_6[ZnPO_4]_6$•$8H_2O$
Sodalite, (NaNO3)	50- 248	★	3.67$_x$	2.12$_3$	2.59$_3$	8.98	8.98	8.98	90.00	90.00	90.00	C	$Na_8[AlSiO_4]_6(NO_3)_2$
Sodalite, (Rb,Cl)	41- 73	O	3.16$_x$	2.65$_3$	3.22$_3$							X	$Na_3RbAl_3Cl(SiO_4)_3$
Sodalite, (Zn,As)	45- 134	C	6.38$_x$	3.69$_8$	2.61$_8$	9.03	9.03	9.03	90.00	90.00	90.00	C	$Na_8[ZnAsO_4]_6$•$8H_2O$
TASO-20	46- 865	O	3.66$_x$	6.33$_4$	4.48$_4$							X	$((CH_3)_4N)_2O$-Na_2O-Al_2O_3-TiO_2-SiO_2-H_2O
TASO-20	46- 866	O	3.65$_x$	6.33$_6$	4.46$_3$							X	Na_2O-Al_2O_3-TiO_2-SiO_2
Unnamed zeolite	24- 893	O	3.65$_x$	2.83$_x$	2.59$_x$	8.88	8.88	8.88	90.00	90.00	90.00	C	$Na_4[Al,Ga)_3Si_3O_{12}(OH)$
Unnamed zeolite	25- 797		3.75$_x$	3.24$_2$	2.16$_2$	9.18	9.18	9.18	90.00	90.00	90.00	C	$Na_6Ca_2Al_2Ge_2Si_6O_{24}(CrO_4)_2$
Unnamed zeolite	25- 798	i	3.76$_x$	2.66$_2$	2.46$_1$	9.22	9.22	9.22	90.00	90.00	90.00	C	$Na_6Ca_2Al_2Ga_4Si_6O_{24}(MoO_4)_2$
Unnamed zeolite	25- 799	i	3.77$_x$	2.31$_2$	2.66$_1$	9.22	9.22	9.22	90.00	90.00	90.00	C	$Na_6Ca_2Al_2Ga_4Si_6O_{24}(WO_4)_2$
Unnamed zeolite	29-1184		3.81$_x$	2.69$_3$	2.32$_2$	9.33	9.33	9.33	90.00	90.00	90.00	C	$Na_6Ca_2Al_6Ge_6O_{24}(WO_4)_2$
Unnamed zeolite	29-1186	i	3.72$_x$	2.64$_2$	4.56$_1$	9.12	9.12	9.12	90.00	90.00	90.00	C	$Na_6Ca_2Al_6Si_6O_{24}(TcO_4)_2$
Unnamed zeolite	31-1270	O	3.67$_x$	6.36$_8$	2.69$_5$	8.98	8.98	8.98	90.00	90.00	90.00	C	1.0Na_2O•Al_2O_3•1.68SiO_2•1.73H_2O
Unnamed zeolite	31-1271	O	3.67$_x$	6.36$_7$	2.59$_8$	8.98	8.98	8.98	90.00	90.00	90.00	C	1.0Na_2O•Al_2O_3•1.68SiO_2•1.8H_2O
Unnamed zeolite	32-1031	★	3.68$_x$	2.13$_4$	2.41$_2$	9.01	9.01	9.01	90.00	90.00	90.00	C	$Na_4Al_3Si_3O_{12}I$
Unnamed zeolite	32-1032	★	3.65$_x$	2.11$_4$	2.39$_3$	8.93	8.93	8.93	90.00	90.00	90.00	C	$Na_4Al_3Si_3O_{12}Br$
Unnamed zeolite	33-1164	★	3.65$_x$	2.11$_6$	2.39$_3$	8.93	8.93	8.93	90.00	90.00	90.00	C	$Ag_4Al_3Si_3O_{12}I$
Unnamed zeolite	38- 21	i	3.66$_x$	6.35$_4$	2.11$_3$	8.94	8.94	8.94	90.00	90.00	90.00	C	$Na_8(Al_6Si_6O_{24}X(NO_2)_2$•$3H_2O$
Unnamed zeolite	38- 22	i	3.70$_x$	2.62$_5$	6.41$_5$	9.06	9.06	9.06	90.00	90.00	90.00	C	$Na_8Al_6Si_6O_{24}(SCN)_2$•$2H_2O$
Unnamed zeolite	39- 100	i	2.56$_x$	3.62$_x$	2.80$_9$	8.86	8.86	8.86	90.00	90.00	90.00	C	$Na_8Ga_{10}Si_9O_{32}$•$10H_2O$
Unnamed zeolite	40- 100	i	3.57$_x$	6.19$_8$	2.53$_3$	8.75	8.75	8.75	90.00	90.00	90.00	C	$Na_8(AlSiO_4)_6(OH)_2$
Unnamed zeolite	40- 101	★	6.45$_x$	3.72$_4$	2.63$_2$	9.12	9.12	9.12	90.00	90.00	90.00	C	$Na_6(AlSiO_4)_6$
Unnamed zeolite	40- 102	i	3.62$_x$	2.65$_8$	2.80$_8$	8.85	8.85	8.85	90.00	90.00	90.00	C	$Na_6(AlSiO_4)_6$•$8H_2O$
Unnamed zeolite	41- 204	i	2.60$_x$	3.69$_9$	2.85$_9$	25.51	12.75	9.02	90.00	90.00	90.00	O	$Na_8(AlSiO_4)_6(B(OH)_4)_2$
Unnamed zeolite	41- 205	i	2.60$_x$	3.69$_x$	2.13$_9$	9.01	9.01	9.01	90.00	90.00	90.00	C	$Na_8(AlSiO_4)_6[B(OH)_4)_2$
Unnamed zeolite	41- 535	i	3.62$_x$	6.31$_9$	2.57$_8$	8.92	8.92	8.80	90.00	90.00	90.00	T	$Na_8(AlSiO_4)_6(OH)_2$•xH_2O

Zeolite Structure Type Name—Code

Zeolite Name	PDF#	QM	3 Strongest Reflections			Cell Parameters a	b	c	Cell Angles α	β	γ	Crys. Sys.	Chemical Formula
Unnamed zeolite	42- 213	i	3.71_x	2.62_8	6.44_6	9.08	9.08	9.08	90.00	90.00	90.00	C	$C_4H_8Al_8Na_8O_{32}Si_8$
Unnamed zeolite	42- 214	i	3.69_x	2.61_x	6.38_8	9.03	9.03	9.03	90.00	90.00	90.00	C	$Na_8[AlSiO_4]_6CO_3$
Unnamed zeolite	42- 215	★	3.63_x	2.57_9	2.10_5	8.89	8.89	8.89	90.00	90.00	90.00	C	$Na_8[AlSiO_4]_6(OH)_2 \cdot 2H_2O$
Unnamed zeolite	42- 216	i	3.66_x	2.59_8	2.83_8	8.97	8.97	8.97	90.00	90.00	90.00	C	$Na_8[AlSiO_4]_6 \cdot 4H_2O$
Unnamed zeolite	42- 217	i	6.41_x	3.71_x	2.63_8	9.10	9.10	9.10	90.00	90.00	90.00	C	$Na_8[AlSiO_4]_6$
Unnamed zeolite	44- 306	★	3.23_x	2.63_x	4.57_8	9.12	9.12	9.12	90.00	90.00	90.00	C	$Ag_8[AlSiO_4]_6CrO_4$
Unnamed zeolite	44- 307	★	3.72_x	3.22_6	2.63_6	9.12	9.12	9.12	90.00	90.00	90.00	C	$Ag_8[AlSiO_4]_6(ClO_4)_2$
Unnamed zeolite	44- 308	★	3.67_x	2.12_7	2.85_5	9.00	9.00	9.00	90.00	90.00	90.00	C	$Ag_8[AlSiO_4]_6(NO_2)_2$
Unnamed zeolite	44- 309	★	3.65_x	6.33_9	2.83_8	8.95	8.95	8.95	90.00	90.00	90.00	C	$Na_8[AlGeO_4]_6 \cdot 8H_2O$
Unnamed zeolite	44- 310	★	3.75_x	2.45_2	2.16_2	9.18	9.18	9.18	90.00	90.00	90.00	C	$Na_6Ca_2[AlSiO_4]_6(WO_4)_2$
Unnamed zeolite	44- 311	★	3.72_x	3.23_2	2.63_2	9.13	9.13	9.13	90.00	90.00	90.00	C	$Na_6Cd_2[AlSiO_4]_6(MoO_4)_2$
Unnamed zeolite	44- 312	★	3.73_x	3.23_3	2.44_2	9.14	9.14	9.14	90.00	90.00	90.00	C	$Na_8Cd_2[AlSiO_4]_6(WO_4)_2$
Unnamed zeolite	44- 313	★	3.71_x	2.88_7	2.14_4	9.09	9.09	9.09	90.00	90.00	90.00	C	$Pb_4[AlSiO_4]_6(OH)_2 \cdot 5H_2O$
Unnamed zeolite	44- 704	★	3.82_x	4.44_5	6.28_4	8.86	8.86	8.86	90.00	90.00	90.00	C	$[C_3H_6O_2]_2[Si_{12}O_{24}]$
Unnamed zeolite	44- 705	★	3.65_x	6.33_6	4.47_2	8.93	8.93	8.96	90.00	90.00	90.00	T	$[(H_3C)_4N][GaSi_2O_{12}]$
Unnamed zeolite	44-1396	i	3.71_x	2.62_6	2.87_5	9.07	9.07	9.07	90.00	90.00	90.00	C	$Na_6Ca_2Al_6Si_6O_{24}(SO_4)_2$
Unnamed zeolite	47- 234	★	3.65_x	6.33_8	2.58_7	8.93	8.93	8.93	90.00	90.00	90.00	C	$Na_8[AlSiO_4]_6(NO_2)_2$
Unnamed zeolite	49- 757	★	3.63_x	6.30_8	2.57_7	8.90	8.90	8.90	90.00	90.00	90.00	C	$Na_8Al_8Si_6O_{24}(CO_3)_{0.5}(OH) \cdot 3H_2O$
Zeolite V	39- 191		9.44_x	2.84_6	2.98_6	9.41	9.41	9.41	90.00	90.00	90.00	C	$Na_3K_3Al_6Si_6O_{24} \cdot 12H_2O$
Zeolite Zh	16- 612		3.63_x	2.81_x	2.56_x							X	$Na_2O \cdot Al_2O_3 \cdot 2.1SiO_2 \cdot xH_2O$

SSZ-35—STF

ITQ-9	51-1378	i	11.0_x	9.06_2	7.27_1	14.76	18.16	7.36	88.84	111.17	90.70	A	SiO_2
SSZ-35, as-synthesized	51-1593	i	11.1_x	4.61_7	4.47_3	11.64	11.57	7.46	95.81	95.19	105.71	A	SiO_2
SSZ-35, as-synthesized, alumino silicate	51-1595	O	11.0_x	4.60_5	4.46_3							X	$K_x(Al_xSi_{1-x})O_2 \cdot H_2O$
SSZ-35, calcined	51-1594	O	11.1_x	9.15_2	4.56_1	11.43	11.61	7.39	94.97	96.03	104.97	A	SiO_2

Stilbite—STI

Barrerite	29-1185	i	9.10_x	4.05_x	3.03_8	13.64	18.20	17.84	90.00	90.00	90.00	O	$(Na,K,Ca)_2(Si,Al)_9O_{18} \cdot 7H_2O$
Stellerite	25- 124	i	9.03_x	4.06_5	3.03_3	13.60	18.22	17.86	90.00	90.00	90.00	O	$Ca_2Al_4Si_{14}O_{36} \cdot 14H_2O$
Stilbite	24- 894	i	4.06_x	4.04_x	9.11_9	13.64	18.24	11.27	90.00	128.00	90.00	M	$(Ca,Na)_{1.5}(Si,Al)_9O_{18} \cdot 8H_2O$
Stilbite, (Cu)	46-1082	i	8.75_x	3.99_7	3.03_6	15.86	19.90	11.98	90.00	132.15	90.00	M	$Na_{0.823}Ca_{1.275}Cu_{3.401}Al_{10}Si_{28}O_{72} \cdot xNH_3 \cdot 32H_2O$
Stilbite, (Na,Ca,Cu)	45-1256		4.04_x	4.76_7	2.97_7	13.81	18.24	11.25	90.00	128.07	90.00	M	$Na_{0.323}Ca_{1.275}Cu_{2.401}Al_{10}Si_{28}O_{72} \cdot 32H_2O$
Unnamed zeolite	44-1479	★	9.14_x	4.08_9	3.03_5	13.64	18.25	11.27	90.00	127.94	90.00	M	$(Na,K)Ca_2Al_5Si_{13}O_{36} \cdot 14H_2O$

SSZ-23—STT

SSZ-23	51-1377	★	9.42_x	10.9_9	6.40_8	13.12	21.77	13.70	90.00	102.51	90.00	M	SiO_2

Terranovaite—TER

Terranovaite	50-1714	C	3.80_x	3.78_8	10.3_7	9.75	23.88	20.07	90.00	90.00	90.00	O	$(Na_{4.3}K_{0.2}Mg_{0.2}Ca_{2.7})(Al_{12.2}Si_{67.7}O_{160}) \cdot 29H_2O$
Terranovaite	51-1439	i	3.79_x	10.2_7	11.9_4	9.75	23.88	20.07	90.00	90.00	90.00	O	$NaCaAl_3Si_{17}O_{40} \cdot H_2O$

Thomsonite—THO

Thomsonite	35- 498	i	4.63_x	2.94_x	2.86_x	13.05	13.09	13.26	90.00	90.00	90.00	O	$NaCa_2Al_5Si_5O_{20} \cdot 6H_2O$
Thomsonite	46-1448	i	2.86_x	3.51_6	4.62_3	13.08	13.10	13.22	90.00	90.00	90.00	O	$NaCa_2Al_5Si_5O_{20} \cdot 6H_2O$

Theta-1—TON

Nu-10	37- 355	i	3.64_x	4.33_x	3.59_7	13.72	17.16	5.02	90.00	90.00	90.00	O	$H\text{-}Al_2O_3\text{-}SiO_2$
Nu-10	39- 96	O	4.38_x	3.68_9	3.63_7							X	$C_{26.4}H_{70.4}N_{8.8} \cdot 0.15Na_2O \cdot Al_2O_3 \cdot 120SiO_2 \cdot 6.6H_2O$
Nu-10	39- 97	O	4.36_x	3.67_9	3.62_7							X	$C_{27.6}H_{73.6}N_{9.2} \cdot 0.35K_2O \cdot Al_2O_3 \cdot 126SiO_2 \cdot 5.6H_2O$
Nu-10	39- 98	O	4.37_x	3.66_9	3.62_7							X	$C_8H_{18}N_2\text{-}Rb_2O\text{-}Al_2O_3\text{-}SiO_2\text{-}H_2O$
Nu-10	39- 99	O	4.38_x	3.68_9	3.64_7							X	$C_8H_{18}N_2\text{-}Cs_2O\text{-}Al_2O_3\text{-}SiO_2\text{-}H_2O$
Nu-10	44- 611	i	4.35_x	3.65_x	10.7_8	13.80	17.40	5.00	90.00	90.00	90.00	O	$24SiO_2 \cdot 1.3(C_2H_5)_2NH \cdot 0.9H_2O$
Nu-10	44- 612	i	4.35_x	3.67_x	10.8_8	13.86	17.40	5.00	90.00	90.00	90.00	O	$24SiO_2 \cdot (C_2H_5)_2NH \cdot 0.5H_2O$
Nu-10, (H)	38- 194	O	3.57_x	3.62_x	4.31_8							X	$H\text{-}Al_2O_3\text{-}SiO_2$
Nu-10, (K,H)	37- 356	O	10.8_x	4.36_x	3.67_9							X	$K_{0.79}Al_2Si_{126}O_{255.35}$
Nu-10, (K,Na)	39- 95	O	3.58_x	3.63_9	4.31_8							X	$C_8H_{22}N_2\text{-}Na_2O\text{-}K_2O\text{-}SiO_2\text{-}Al_2O_3$
Nu-10, (Na)	39- 94	O	3.64_x	4.35_x	3.60_7							X	$C_8H_{22}N_2\text{-}Na_2O\text{-}Al_2O_3\text{-}SiO_2$
Unnamed zeolite	49- 77	★	4.36_x	3.67_x	3.61_8	13.84	17.40	5.03	90.00	90.00	90.00	O	$24SiO_2 \cdot 1.62ICl$
Unnamed zeolite	49- 82	★	3.66_x	4.36_7	4.35_7	13.84	17.40	5.03	90.00	90.00	90.00	O	$24SiO_2 \cdot 1.35IBr$
Unnamed zeolite	49- 83	★	3.65_x	3.61_7	4.35_7	13.85	17.38	5.03	90.00	90.00	90.00	O	$24SiO_2 \cdot 1.18I_2$
Unnamed zeolite	49- 84	★	3.66_x	4.35_9	3.61_7	13.84	17.40	5.03	90.00	90.00	90.00	O	$24SiO_2 \cdot 1.5Br_2$
ZSM-22	44- 119	O	4.36_x	3.67_x	3.60_x							X	$4.8(C_7H_{10}BrN) \cdot 1.8Na_2O \cdot Al_2O_3 \cdot 235SiO_2$
ZSM-22	50-1675	i	4.37_x	3.68_8	10.9_7	13.87	17.46	5.05	90.00	90.00	90.00	O	$K_6Al_8Si_{80}O_{163+x}$
ZSM-22 (Si)	46- 569	C	10.8_x	4.36_8	3.67_5	13.86	17.42	5.04	90.00	90.00	90.00	O	$(C_5H_9)_2NHSi_{24}O_{48}$
Zeolite KZ-2	37- 412	O	4.35_x	3.68_9	10.8_8							X	$1.56SiO_2 \cdot 0.00716Al_2O_3 \cdot 0.00807Na_2O$
Zeolite Theta-1	38- 197	i	4.36_x	3.68_7	10.9_6	13.84	17.42	5.04	90.00	90.00	90.00	O	SiO_2
Zeolite Theta-1	43- 23	O	4.37_x	3.68_x	3.62_7							X	$Al_2Si_{70}O_{142} \cdot H_2O$
Zeolite Theta-1, (Ga)	43- 320	O	11.0_x	4.38_7	3.69_6							X	$Na_2O\text{-}Ga_2O_3\text{-}SiO_2\text{-}H_2O$
Zeolite Theta-1, (Na,H)	37- 357	O	10.9_x	4.36_9	3.70_7							X	$Na_2O\text{-}Al_2O_3\text{-}SiO_2\text{-}H_2O$

Tschörtnerite—TSC

Tschörtnerite	50-1611	C	18.3_x	15.8_2	9.14_1	31.62	31.62	31.62	90.00	90.00	90.00	C	$Ca_4(K,Ca,Ba,Sr)_3Cu_3(Al_{12}Si_{12}O_{48})(OH)_{10} \cdot 20H_2O$

VPI-5—VFI

AlPO4-54	42- 28	C	16.1_x	8.03_1	4.20_1	18.55	18.56	8.40	90.00	90.00	120.00	H	$Al_{18}P_{18}O_{72}$
AlPO4-H1	48- 33	O	16.5_x	8.23_2	4.12_2	18.98	18.98	8.07	90.00	90.00	120.00	H	$AlPO_4 \cdot 2.14H_2O$
MCM-9	42- 427	O	16.4_x	4.21_8	8.20_6							X	$C_6H_{15}N\text{-}Al_2O_3\text{-}SiO_2\text{-}P_2O_5\text{-}H_2O$
MCM-9	46- 646	O	16.5_x	3.95_7	5.58_6							X	$Al_2O_3\text{-}SiO_2\text{-}P_2O_5\text{-}C_{12}H_{29}NO\text{-}H_2O$
Unnamed zeolite	16- 274		16.5_x	3.93_4	3.28_4							X	$AlPO_4 \cdot xH_2O$
VPI-5	44- 503	i	16.4_x	4.06_2	4.08_2	18.99	18.99	8.11	90.00	90.00	120.00	H	$AlPO_4 \cdot xH_2O$
VPI-5	45- 176	C	16.4_x	8.22_1	3.93_1	18.98	18.98	8.10	90.00	90.00	120.00	H	$AlPO_4 \cdot 2.33H_2O$
VPI-5	45- 476	★	16.5_x	4.06_2	3.28_2	18.99	18.99	8.11	90.00	90.00	120.00	H	$AlPO_4$
VPI-5	46- 171	O	16.5_x	8.23_5	6.17_5							X	$Al_2O_3 \cdot P_2O_5$
VPI-5	46- 651	O	16.4_x	4.06_2	4.08_2							X	$AlPO_4 \cdot 0.5C_6H_{12}N \cdot 20H_2O$

VPI-7—VSV

VPI-7	46- 563	C	6.37_x	3.25_4	3.14_3	39.88	10.32	10.22	90.00	90.00	90.00	O	$Na_{28.8}H_{3.2}Zn_{16}Si_{36}O_{144} \cdot 40H_2O$

Wenkite—WEN

Wenkite	19-1418	i	3.46_x	2.69_9	3.38_8	13.51	13.51	7.46	90.00	90.00	120.00	H	$Ca_5Ba_4Al_9Si_{11}O_{41}(OH)_2(SO_4)_3 \cdot H_2O$

Yugawaralite—YUG

Unnamed zeolite	30- 741	O	4.24_x	2.71_x	10.0_7							X	$(Ba,Li) \cdot Al \cdot SiO_4 \cdot H_2O$
Yugawaralite	39-1372	★	4.67_x	3.05_9	5.82_6	6.73	14.01	10.06	90.00	111.20	90.00	M	$Ca(Si_6Al_2)O_{16} \cdot 4H_2O$
Zeolite Q, (Sr)	17- 756	O	5.88_x	4.76_x	3.03_x							X	$Sr\text{-}Al\text{-}Si\text{-}O\text{-}H_2O$
Zeolite Q, (Sr)	18-1257	O	3.03_x	5.85_x	4.74_8	13.48	13.86	10.10	90.00	111.70	90.00	M	$SrAl_2Si_6O_{16} \cdot 4H_2O$

Zeolite Structure Type Name—Code

Zeolite Name	PDF#	QM	3 Strongest Reflections			Cell Parameters a	b	c	Cell Angles α	β	γ	Crys. Sys.	Chemical Formula
ZAPO-M1—ZON													
UiO-7	49- 631	O	8.30$_1$	4.23$_6$	6.57$_5$	14.53	15.33	16.60	90.00	90.00	90.00	O	$Al_{32}P_{32}O_{128}(C_4NH_{12}F)$
Refined structure, No IZA code—ZZ1													
AlPO4-14A	47- 325	i	12.4$_2$	6.98$_9$	3.98$_7$	24.08	14.41	8.72	90.00	94.32	90.00	M	$AlPO_4$
AlPO4-15	45- 183	C	5.92$_x$	6.69$_7$	2.62$_3$	9.62	9.57	9.56	90.00	103.59	90.00	M	$NH_4Al_2P_3O_9(OH)*2H_2O$
AlPO4-9	43- 562	O	4.23$_x$	3.47$_8$	7.97$_4$							X	$Al_2O_3*1.03P_2O_5*0.44H_2O*0.46C_6H_{12}N_2$
Cesium silicotitanate	50- 58	C	3.37$_x$	3.11$_7$	3.65$_6$	13.39	7.42	15.13	90.00	107.71	90.00	M	$Cs_2TiSi_5O_{15}$
EU-19	46- 567	C	11.2$_x$	3.94$_6$	4.26$_x$	13.57	4.90	22.46	90.00	91.67	90.00	M	$C_4H_{12}N_2O_{12}Si_6$
GaPO4-M1	51- 240	★	8.14$_x$	3.60$_7$	6.06$_7$	16.28	9.73	8.80	90.00	90.00	90.00	O	$Ga_3P_3O_{12}(CH_3NH_2)_2*H_2O$
GaPO4-M2	51- 241	★	3.66$_x$	8.46$_x$	4.63$_8$	10.25	14.11	16.93	90.00	90.00	90.00	O	$Ga_3P_3O_{12}(CH_3NH_2)*H_2O$
Kenyaite, (H)	37- 385	O	19.7$_x$	3.44$_8$	3.21$_6$							X	$H_2Si_{20}O_{41}*xH_2O$
Kenyaite, (H)	37- 386	O	17.5$_x$	8.89$_6$	3.39$_5$							X	$H_2Si_{20}O_{41}*xH_2O$
Magadiite	42-1350	i	3.45$_x$	3.15$_x$	15.5$_6$	7.30	7.28	15.71	90.00	96.40	90.00	M	$Na_2Si_{14}O_{29}*10H_2O$
Magadiite, (H)	29- 668		3.41$_x$	13.2$_8$	7.34$_6$	7.11	7.42	13.20	90.00	94.00	90.00	M	$H_2Si_{14}O_{29}*5.4H_2O$
Metavariscite	33- 32	i	4.76$_x$	2.71$_x$	4.55$_8$	5.16	9.51	8.45	90.00	90.40	90.00	M	$AlPO_4*2H_2O$
Mu-2	51- 80	★	8.19$_x$	3.86$_4$	5.79$_4$	16.38	16.38	16.38	90.00	90.00	90.00	C	$Ga_{32}P_{32}O_{128}(OH)_{16}F_8(C_9H_{21}N_2)_8*12H_2O$
Unnamed zeolite	44- 50	C	8.22$_8$	3.41$_x$	4.42$_x$	15.00	16.46	5.23	90.00	90.00	90.00	O	$Na_3Al_3Si_3O_{12}*2H_2O$
Unnamed zeolite	45- 121	C	3.11$_x$	8.02$_9$	2.96$_8$	17.49	9.04	9.35	90.00	96.23	90.00	M	$Fe_8P_4O_{23}H_{10}$
Unnamed zeolite	45- 126	C	6.16$_x$	3.11$_9$	2.73$_9$	12.00	12.33	6.50	90.00	114.18	90.00	M	$NaFe_3F_3O_{12}$
Unnamed zeolite	47-1497	i	2.67$_x$	4.26$_8$	2.96$_8$	5.33	5.33	7.11	90.00	90.00	90.00	T	$Na_{1.8}Mg_{0.9}Si_{1.1}O_4$
Unnamed zeolite	47-1498	i	2.62$_x$	4.24$_3$	2.58$_6$	10.50	14.40	5.25	90.00	90.00	90.00	O	$Na_{1.74}Mg_{0.79}Al_{0.16}Si_{1.06}O_4$
Unnamed zeolite	47-1499	★	2.64$_x$	2.97$_9$	2.58$_7$	10.82	5.28	7.08	90.00	90.00	90.00	O	Na_2MgSiO_4
Unnamed zeolite	52- 140	i	13.1$_x$	3.58$_4$	3.51$_3$	26.25	14.05	7.43	90.00	90.00	90.00	O	$(C_9H_{22}N_2)_4Si_{40}O_{72}*8H_2O$
Variscite	25- 18	O	4.29$_x$	5.39$_6$	4.83$_6$	9.90	9.66	17.18	90.00	90.00	90.00	O	$AlPO_4*2H_2O$
Variscite	33- 33	★	3.04$_x$	4.26$_7$	5.36$_7$	9.82	8.56	9.62	90.00	90.00	90.00	O	$AlPO_4*2H_2O$
ZSM-34	48- 661	i	3.79$_x$	3.15$_9$	2.91$_8$	18.20	18.20	7.59	90.00	90.00	120.00	H	$K_{0.60}Na_{0.90}*0.5(C_9H_{12}N)O*Al_2O_3*10.4SiO_2*13.4H_2O$
ZSM-48	43- 531	O	3.91$_x$	4.20$_8$	11.9$_1$							X	$100SiO_2*0.35Na_2O*0.085Al_2O_3*5.9C_6H_{19}N$
ZSM-48	44-1394	C	11.6$_x$	4.20$_8$	3.88$_6$	14.24	20.14	8.40	90.00	90.00	90.00	O	SiO_2
Zeolite Upsilon	43- 577		9.47$_x$	4.23$_3$	2.85$_3$	18.98	18.98	18.98	90.00	90.00	90.00	C	$Na_2Al_2Si_{2.71}O_{9.42}*4.39H_2O$
Proposed topology—ZZ4													
ECR-1	46- 652		3.17$_x$	3.25$_6$	6.76$_5$	18.15	26.31	7.31	90.00	90.00	90.00	O	$Na_2Al_2Si_{6.7}O_{17.4}*xC_6H_{17}NO_2*zH_2O$
ECR-1	46- 867	i	3.17$_x$	5.71$_9$	3.49$_4$	25.16	18.13	7.39	90.00	90.00	90.00	O	$0.04(C_9H_{16}NO_2)_2O*0.96Na_2O*Al_2O_3*6.7SiO_2$
ECR-1	46- 868	O	3.50$_x$	3.17$_8$	3.25$_6$	26.30	18.30	7.30	90.00	90.00	90.00	O	$(C_9H_{20}NO_2)_2O-Na_2O-Al_2O_3-SiO_2$
Giuseppettite	35- 479		3.71$_x$	3.45$_8$	8.13$_7$	12.85	12.85	42.22	90.00	90.00	120.00	H	$(Na,K,Ca)_8Al_6Si_6O_{24}(SO_4)_2Cl_{0.25}$
Si-NCL-1	49- 673	i	14.4$_x$	4.18$_8$	3.96$_6$	11.95	8.36	28.70	90.00	90.00	90.00	O	$NaSi_{33}O_{68.5}*xH_2O$
V-NCL-1	49- 674	O	14.4$_x$	4.20$_9$	3.96$_7$							X	$Na_{10.42}Si_{256}VO_{508}*xH_2O$
ZSM-10	52- 142	★	15.9$_x$	2.89$_5$	3.86$_5$	31.58	31.58	7.53	90.00	90.00	120.00	H	$Al_{24}Si_{84}O_{204}$
Zeolite SSZ-37	49- 927	O	4.37$_x$	4.02$_7$	11.4$_5$							X	$Na_2Al_2Si_{60}O_{124}-H_2O-C_{12}H_{20}N$
Zeolite SSZ-37	49- 928	O	11.2$_x$	4.33$_6$	10.7$_5$							X	$Na_3Al_2Si_{85}O_{194}$
Unknown structure—ZZ9													
AG4	43- 48	O	15.9$_x$	3.91$_8$	3.06$_7$							X	$K_2O-Na_2O-Al_2O_3-SiO_2-H_2O$
AG6	43- 50	O	9.36$_x$	2.98$_7$	6.24$_4$							X	$K_2O-Na_2O-Al_2O_3-SiO_2-H_2O$
AGS	43- 49	O	16.0$_x$	3.10$_6$	4.15$_8$							X	$K_2O-Na_2O-Al_2O_3-SiO_2-H_2O$
AlAsO4-3	42- 102	i	7.73$_x$	4.47$_8$	3.87$_5$	7.72	7.72	7.72	90.00	90.00	90.00	C	$AlAsO_4*0.2(C_3H_{10}N_2)*0.4H_2O$
AlAsO4-4	42- 103	i	10.3$_x$	4.19$_2$	4.11$_2$	19.25	12.01	10.35	90.00	127.58	90.00	M	$AlAsO_4*0.3(C_3H_{10}N_2)*0.2H_2O$
AlAsO4-5	48- 890	i	9.48$_x$	3.41$_8$	3.16$_2$	11.78	18.96	5.98	90.00	94.85	90.00	M	$5AlAsO_4*2C_2H_8N_2*6H_2O$
AlAsO4-6	47- 789	i	9.90$_x$	7.68$_2$	3.30$_2$	19.95	6.64	10.60	90.00	96.88	90.00	M	$5AlAsO_4*2C_2H_8N_2*3H_2O$
AlAsO4-D	41- 563	C	7.24$_x$	4.06$_8$	3.04$_4$	8.78	10.26	20.43	90.00	90.00	90.00	O	$Al_{12}As_{12}O_{64}(C_2H_6NOH)_8$
AlPO4-23	43- 573	O	4.17$_x$	2.78$_7$	3.83$_7$							X	$Al_2O_3*1.04P_2O_5*0.79H_2O*0.64C_4H_9N$
AlPO4-25	47- 610	O	10.8$_x$	3.87$_7$	8.38$_7$							X	$AlPO_4$
AlPO4-28	47- 611	O	7.26$_x$	4.77$_8$	11.2$_4$							X	$AlPO_4$
AlPO4-H4	48- 35	O	3.92$_x$	3.69$_8$	4.91$_2$							X	$AlPO_4$
CAM-1	50-1680	i	12.8$_x$	5.67$_3$	4.81$_3$	32.09	14.24	8.52	90.00	104.63	90.00	M	$C_{24}H_{50}N_4*12AlPO_4*H_2O$
CFAP-7A	42- 6	O	6.71$_x$	6.92$_8$	5.54$_7$							X	$C_4H_{13.85}Al_2N_{1.15}O_{8.05}P_{1.9}*0.22H_2O$
CFAP-7B	42- 7	O	6.71$_x$	6.33$_8$	4.29$_8$							X	$Al_2O_3*0.95P_2O_5$
CFAP-7B	42- 8	O	6.28$_x$	4.29$_9$	4.15$_9$							X	$Al_2O_3*0.95P_2O_5$
CFSAPO-1(A)	41- 113	O	8.67$_x$	3.72$_8$	8.51$_8$							X	$1.1CH_3NH_2*Al_2O_3*0.99P_2O_5*0.32SiO_2*1.27H_2O$
CFSAPO-1(B)	41- 114	O	8.95$_x$	3.26$_9$	4.42$_7$							X	$Al_2O_3*0.99P_2O_5*0.82SiO_2$
CFSAPO-1(C)	41- 115	O	4.61$_x$	5.31$_9$	3.47$_6$							X	$Al_2O_3*0.99P_2O_5*0.32SiO_2$
CT-5	48- 161	O	10.9$_x$	4.37$_x$	3.68$_x$							X	$C_8H_{12}O_4-Na_2SO_4-Na_2O-SiO_2-Al_2O_3-CH_3OH$
Clathrasil	42- 5	i	10.2$_x$	9.72$_6$	4.41$_3$	9.91	20.68	9.80	90.00	99.70	90.00	M	$(SiO_2)_x$
Cowlesite	46-1405	★	15.2$_x$	7.64$_2$	2.94$_1$	23.27	30.62	25.00	90.00	90.00	90.00	O	$CaAl_2Si_3O_{10}*6H_2O$
ECR-15	47- 238	O	9.11$_x$	3.81$_x$	2.92$_8$							X	$Na_{1.68}Ga_2Si_{6.52}O_{18.88}*xC_6H_{18}NO_2$
ECR-34	51- 168	i	18.1$_x$	10.5$_7$	7.78$_2$	20.99	20.99	8.61	90.00	90.00	120.00	H	$(C_9H_{20}N)_{0.34}K_{1.18}Na_{0.32}Al_{0.68}Ge_{1.32}Si_{6.32}O_{16.84}*xH_2O$
EU-12	48- 733	i	3.35$_x$	3.55$_7$	4.20$_8$	20.69	20.69	14.33	90.00	90.00	120.00	H	$Na_2Al_2Si_5O_{14}$
H-Fu1	46- 748	O	3.40$_x$	6.85$_8$	9.21$_8$							X	$Al_2Si_{24}O_{52}$
LZ-200	47- 716	O	12.1$_x$	3.03$_8$	4.60$_3$							X	$Na_{2.12}Al_2Si_7O_{8.06}$
MCM-1	46- 645	O	6.95$_x$	4.28$_9$	6.57$_8$							X	$Al_{103}Si_{24}P_{77}O_{256}*2.7C_6H_{15}N*xH_2O$
MCM-21	43- 88	O	9.83$_x$	2.74$_x$	2.82$_8$							X	$[(C_2H_7)_4Ni_2]_xFe_{2-x}PO_4*2H_2O$
MCM-41	49-1711	O	42.3$_x$	24.6$_1$	21.3$_1$							X	SiO_2
MCM-41	49-1712	O	41.2$_x$	24.0$_1$	20.8$_1$							X	SiO_2
MCM-48	51-1691	i	41.9$_x$	35.9$_3$	21.5$_1$	100.90	100.90	100.90	90.00	90.00	90.00	C	SiO_2
Metaheulandite	24- 765	i	7.85$_x$	5.22$_x$	8.79$_8$	7.60	17.60	15.70	90.00	90.00	90.00	O	$CaAl_2Si_7O_{18}*3.5H_2O$
Mu-1	51-1422	★	9.35$_x$	4.18$_9$	6.61$_5$	13.22	13.22	7.45	90.00	90.00	90.00	T	$(C_{10}H_{10}Co)_7(Ga_4P_4O_{12}F(OH)_8)$
Mu-4	51-2111	i	17.3$_x$	8.57$_8$	3.35$_4$	8.63	9.20	17.75	86.93	82.77	89.39	A	$C_{16}H_{50}Al_8N_4O_{40}P_{10}*2.5H_2O$
Na-1	35-1501		4.03$_x$	6.19$_8$	3.97$_6$							X	$C_{18.8}H_{56.4}Al_2N_{4.3}Na_{1.45}O_{105.5}Si_{50}*10.4H_2O$
Nepheline hydrate III	12- 247		2.83$_x$	4.46$_8$	5.60$_8$							X	$NaAlSiO_4*xH_2O$
Nu-1	47- 595	O	4.05$_x$	3.91$_8$	6.26$_7$							X	$Na_{0.16}(C_4H_{12}N)_2Al_2Si_{47.8}O_{99.7}*1.9(C_4H_{12}N)_2O*4.1H_2O$
Nu-6(1)	42- 358	O	4.00$_x$	3.38$_9$	13.4$_9$							X	$C_{50}H_{40}Al_2N_{10}Na_{2.04}O_{134.65}Si_{43}*14.5H_2O$
Nu-6(2)	42- 359	O	4.33$_x$	4.19$_x$	4.10$_x$							X	$(Na_2O)_{1.53}Al_2O_3(SiO_2)_{65}*xH_2O$
Perhamite	29- 284	i	2.88$_x$	5.80$_7$	6.08$_5$	7.02	7.02	20.18	90.00	90.00	120.00	H	$Ca_5Al_7(SiO_4)_5(PO_4)_4(OH)_3*16.5H_2O$
Phase N	23-1813	i	6.98$_x$	3.48$_x$	3.07$_x$	9.83	9.83	13.10	90.00	90.00	90.00	T	$K_{2.7}Al_2Si_{12.54}O_{29}Cl_{0.7}*0.55H_2O$
Phase O	27-1335	i	3.46$_x$	3.10$_x$	3.06$_x$	9.80	9.80	6.54	90.00	90.00	90.00	T	$K_{2.72}Al_2B_{7.0.72}Si_{2.57}O_9*0.42H_2O$
Phase X1	34- 717		4.27$_x$	1.84$_x$	6.30$_3$							X	SiO_2
Phase X2	31-1234	O	3.42$_x$	19.3$_9$	3.20$_4$	19.40	19.40	14.50	90.00	90.00	90.00	T	SiO_2
Phase Y	31-1233	O	15.5$_x$	3.44$_9$	3.15$_9$	15.50	15.50	6.60	90.00	90.00	90.00	T	SiO_2
RUB-4	50-1696	O	4.33$_x$	9.72$_8$	3.42$_4$							X	$(C_9H_{18}N)_2SiO_3$
SCS-14	47- 409	O	3.65$_x$	7.10$_8$	4.18$_8$							X	$AlPO_4*0.26C_{16}H_8N_2$
SCS-24	50- 73	O	17.6$_x$	8.44$_9$	3.41$_8$							X	$C_{1.57}H_{3.53}AlN_{0.44}O_4P$
SSZ-19	47- 765	O	3.93$_x$	4.93$_8$	3.75$_7$							X	$C_9H_{18}N-Al_2O_3-SiO_2-Na_2O-H_2O$
STA-5	51-1755	★	11.5$_x$	4.11$_4$	13.4$_3$	13.22	13.22	13.34	90.00	90.00	120.00	H	$Zn_{0.2}Al_{0.8}PO_4$
SUZ-2	47- 407	O	3.79$_x$	9.43$_8$	11.4$_5$							X	$K-Na-Al-Si-O-(C_2H_5)_4NOH-C_7H_{12}N$
SUZ-2	47- 408	O	11.4$_x$	9.46$_9$	3.78$_8$							X	$H_{9.6}Al_2Si_{33.9}O_{75.6}$
SUZ-9, as-synthesized	51- 449	O	15.7$_x$	3.55$_8$	4.50$_5$							X	$K_{0.2}Na_2Al_2Si_{7.4}O_{18.9}$
SUZ-9, calcined	52- 280	★	15.7$_x$	3.13$_4$	3.55$_3$	36.15	36.15	7.54	90.00	90.00	120.00	H	$(Al_xSi_{1-x})O_2$

Zeolite Structure Type Name—Code

Zeolite Name	PDF#	QM	3 Strongest Reflections			Cell Parameters a	b	c	Cell Angles α	β	γ	Crys. Sys.	Chemical Formula
Sacrofanite	47-1741	*	3.72$_x$	2.67$_x$	3.30$_6$	12.69	12.69	74.21	90.00	90.00	120.00	H	$(Na,Ca,K)_8(Si,Al)_{12}O_{24}[SO_4,Cl,F]_2 \cdot xH_2O$
SiCo-9	42- 495	O	10.8$_x$	9.72$_7$	3.80$_5$							X	$C_{36}H_{84}N_2O_8 \cdot 2CH_2O \cdot CoO \cdot 80SiO_2 \cdot xH_2O$
Silhydrite	25-1332		14.5$_x$	3.42$_8$	3.14$_4$	14.52	16.80	15.94	90.00	90.00	90.00	O	$Si_3O_6 \cdot H_2O$
Silica X	34-1382	D	3.38$_x$	17.7$_4$	4.33$_4$							X	SiO_8
Sodium Aluminum Silicate	48- 731	i	2.87$_x$	3.79$_9$	3.32$_8$	17.55	17.55	8.88	90.00	90.00	120.00	H	$Na_{1.84}Al_2Si_{2.88}O_{9.88}$
Species P	44- 103		3.18$_x$	7.10$_8$	4.10$_8$	10.00	10.00	10.00	90.60	90.00	90.00	C	$Na_{1.4}Al_2Si_{8.9}O_{11.6} \cdot H_2O$
Tounkite	50-1541	i	3.71$_x$	3.31$_8$	4.84$_4$	12.84	12.84	32.24	90.00	90.00	120.00	H	$(Na,Ca,K)_8(Al_8Si_8O_{24})(SO_4)_2Cl \cdot H_2O$
USI-10B	42- 298	O	3.81$_x$	3.69$_8$	11.0$_3$							X	$C_8H_9N_2O_8 \cdot C_{12}H_{28}N \cdot B_2O_5 \cdot SiO_2 \cdot H_2O$
UTD-2	52- 103	O	14.1$_x$	3.53$_6$	4.60$_5$							X	$(C_{12}H_{28}N)$-Al-Si-P-O-$(C_{20}H_{30}CoOH)$-H_2O
UTD-3	52- 106	O	4.06$_x$	5.13$_9$	3.82$_4$							X	$Al_3P_{1.5}Si_{0.4}O_{8.3} \cdot 0.85[(C_4H_9)_4N]_2O \cdot 0.16C_{20}H_{30}CoOH \cdot 75H_2O$
UTD-3	52- 107	O	4.05$_x$	5.12$_8$	6.57$_5$							X	$Al_2P_2Si_{0.4}O_{8.3}$
UTD-5	52- 104	O	4.25$_x$	4.02$_7$	5.28$_5$							X	$(C_{20}H_{30}CoOH)$-Al-Si-P-O-H_2O
UTD-5	52- 105	O	4.17$_x$	4.22$_x$	13.6$_9$							X	H-Al-Si-P-O
UTD-6	52- 108	O	16.5$_x$	5.07$_7$	13.7$_6$							X	$(C_{16}H_{36}N)$-Al-Si-P-O-$(C_{20}H_{30}CoOH)$-H_2O
Unnamed mesoporous	49- 932.	O	33.6$_x$	29.0$_7$	17.5$_1$							X	$Si_{11.4}Ti_{0.24.8}$
Unnamed zeolite	5- 308		4.27$_x$	6.68$_9$	4.88$_6$							X	$LiAlSi_4O_{10} \cdot 2.5H_2O$
Unnamed zeolite	6- 211	O	3.63$_x$	3.35$_x$	5.59$_8$							X	$AlTi(SiO_3)_2$
Unnamed zeolite	10- 9		3.28$_x$	2.96$_8$	2.74$_7$							X	$K_2Al_2Si_3O_{10} \cdot 3H_2O$
Unnamed zeolite	10- 10	O	2.48$_x$	3.53$_7$	3.33$_6$							X	Ba-Al-Si-O
Unnamed zeolite	10- 11	O	14.0$_x$	3.00$_x$	4.25$_8$							X	Pb-Al-Si-O
Unnamed zeolite	10- 12	O	3.15$_x$	3.90$_7$	3.41$_7$							X	K-Na-Al-Si-O
Unnamed zeolite	10- 27	O	13.2$_x$	3.03$_x$	4.41$_8$	13.20	13.20	13.20	90.00	90.00	90.00	C	$BaO \cdot Al_2O_3 \cdot SiO_2 \cdot BaCl_2 \cdot H_2O$
Unnamed zeolite	10- 28		3.06$_x$	3.45$_9$	3.27$_6$							X	$K_2O \cdot Al_2O_3 \cdot 4SiO_2 \cdot xKBr$
Unnamed zeolite	10- 29		4.10$_x$	6.50$_7$	5.11$_7$							X	$BaAl_2Si_6O_{14} \cdot 6H_2O$
Unnamed zeolite	10- 60	O	4.32$_x$	3.35$_x$	2.51$_8$							X	$Rb_2Al_2Si_6O_{16} \cdot H_2O$
Unnamed zeolite	11- 188		7.45$_x$	3.09$_8$	2.82$_8$							X	$2(KAlSiO_4) \cdot 3H_2O$
Unnamed zeolite	13- 129	O	4.08$_x$	3.96$_9$	9.52$_8$							X	Na-Ca-Al-$SiO_4 \cdot H_2O$
Unnamed zeolite	15- 179	O	9.21$_x$	6.32$_x$	3.78$_x$							X	$CaAl_2(SiO_3)_4 \cdot 6H_2O$
Unnamed zeolite	15- 259		4.23$_x$	7.07$_6$	3.62$_4$							X	$AlPO_4 \cdot xH_2O$
Unnamed zeolite	15- 264		7.04$_x$	6.28$_6$	4.98$_9$							X	$AlPO_4$
Unnamed zeolite	15- 267		6.86$_x$	4.25$_x$	6.50$_8$							X	$AlPO_4 \cdot 1.67H_2O$
Unnamed zeolite	15- 272		4.66$_x$	4.08$_x$	3.47$_8$							X	$AlPO_4 \cdot xH_2O$
Unnamed zeolite	15- 276		8.48$_x$	4.06$_9$	3.75$_6$							X	$AlPO_4 \cdot xH_2O$
Unnamed zeolite	16- 605		3.13$_x$	6.94$_7$	3.07$_5$	9.93	9.93	9.67	90.00	90.00	90.00	T	$K_{6.7}Al_{6.7}Si_{10.3}O_{32} \cdot 8H_2O$
Unnamed zeolite	18-1210		4.83$_x$	2.64$_9$	4.16$_5$	11.80	11.80	11.80	90.00	90.00	90.00	C	$1.2Na_2O \cdot 0.8CaO \cdot Al_2O_3 \cdot 2SiO_2 \cdot H_2O$
Unnamed zeolite	20- 121		7.93$_x$	3.97$_x$	2.97$_8$							X	$BaAl_2Si_6O_{20} \cdot H_2O$
Unnamed zeolite	20- 212	O	8.97$_x$	3.97$_9$	3.90$_8$							X	$CaO \cdot Al_2O_3 \cdot zSiO_2 \cdot xH_2O$
Unnamed zeolite	20-1051		13.6$_x$	3.43$_8$	6.86$_5$	13.00	13.00	13.68	90.00	90.00	90.00	T	$H_2Si_6O_{13}$
Unnamed zeolite	20-1157		19.7$_x$	3.43$_9$	3.20$_8$	7.79	19.72	6.91	90.00	95.90	90.00	M	$NaSi_{11}O_{20.5}(OH)_4 \cdot 3H_2O$
Unnamed zeolite	20-1193		3.97$_x$	8.97$_9$	2.97$_8$							X	$SrO \cdot Al_2O_3 \cdot xSiO_2 \cdot zH_2O$
Unnamed zeolite	21- 132		8.29$_x$	4.15$_6$	3.64$_4$	15.20	16.60	7.26	90.00	90.00	90.00	O	$CaAl_2Si_7O_{18} \cdot 1.7H_2O$
Unnamed zeolite	21- 133		8.80$_x$	3.94$_8$	2.95$_3$	13.22	17.68	15.54	90.00	90.00	90.00	O	$CaAl_2Si_7O_{18} \cdot 2H_2O$
Unnamed zeolite	23-1314	i	3.10$_x$	3.07$_x$	3.47$_8$	9.81	9.81	6.59	90.00	90.00	90.00	T	$K_{5.48}Al_2Si_{2.52}O_8I_{0.46} \cdot 0.48H_2O$
Unnamed zeolite	24- 181	i	4.56$_x$	4.54$_x$	4.20$_x$	13.38	17.58	17.36	90.00	90.00	90.00	O	$CaAl_2Si_7O_{18} \cdot 5.5H_2O$
Unnamed zeolite	25- 59		16.6$_x$	5.89$_6$	5.41$_6$	18.66	18.66	7.60	90.00	90.00	120.00	H	$Ba_{1.1}Al_2Si_{2.5}O_{8.1} \cdot 5.1H_2O$
Unnamed zeolite	25- 62	O	3.40$_x$	5.60$_8$	5.20$_8$							X	$BaAl_2Si_2O_8 \cdot 2.8H_2O$
Unnamed zeolite	25- 63	O	3.79$_x$	3.68$_x$	3.22$_x$							X	$Ba_{2.2}Al_2Si_7O_8(OH)_{2.4} \cdot 2H_2O$
Unnamed zeolite	25- 619		3.01$_x$	6.96$_8$	3.08$_8$							X	$K_2Al_2Si_{2.08}O_{8.16} \cdot 3H_2O$
Unnamed zeolite	26-1318		3.00$_x$	6.51$_9$	2.85$_8$							X	$NaFeAl_2Si_4O_{13} \cdot 3H_2O$
Unnamed zeolite	27- 606	i	3.77$_x$	6.00$_9$	3.17$_7$	7.47	11.94	4.91	90.00	90.00	90.00	O	$H_2Si_7O_8$
Unnamed zeolite	28-1035		3.24$_x$	4.67$_8$	3.74$_8$	15.60	15.60	15.60	90.00	90.00	90.00	C	$Na_2Al_2Si_4O_{12} \cdot 2H_2O$
Unnamed zeolite	28-1882		3.77$_x$	3.53$_x$	3.74$_9$	18.10	16.00	16.00	121.00	131.00	55.00	A	$C_{32}H_{56}N_8O_{20}Si_8 \cdot 69H_2O$
Unnamed zeolite	28-1884		5.34$_x$	5.03$_x$	4.98$_x$							X	Si_2O_5
Unnamed zeolite	30- 739	i	3.17$_x$	3.03$_x$	6.44$_9$	10.01	10.32	8.21	90.00	90.00	90.00	O	$LiAlSiO_4 \cdot H_2O$
Unnamed zeolite	31- 578		11.5$_x$	4.31$_9$	3.91$_8$							X	$H_2Si_2O_7$
Unnamed zeolite	31- 579		10.0$_x$	3.92$_8$	3.81$_5$							X	$H_2Si_2O_7$
Unnamed zeolite	31- 580		3.87$_x$	7.69$_5$	5.67$_5$							X	$H_2Si_2O_5$
Unnamed zeolite	31- 581	i	5.48$_x$	4.05$_5$	3.55$_5$	11.29	9.90	8.38	90.00	103.78	90.00	M	$H_2Si_2O_5$
Unnamed zeolite	31- 582		5.50$_x$	4.06$_7$	3.55$_7$							X	$H_2Si_2O_5$
Unnamed zeolite	31- 583	O	9.65$_x$	4.85$_8$	3.35$_7$							X	$H_2Si_2O_6 \cdot 0.7H_2O$
Unnamed zeolite	31- 584		3.42$_x$	13.2$_8$	7.35$_8$	7.11	7.42	13.20	90.00	94.00	90.00	M	$H_2Si_{14}O_{29} \cdot 5.4H_2O$
Unnamed zeolite	31- 967	*	3.36$_x$	5.48$_5$	2.86$_2$	13.43	13.43	13.43	90.00	90.00	90.00	C	$KAlSi_2O_6$
Unnamed zeolite	32- 994	O	16.4$_x$	3.41$_x$	1.83$_5$							X	$SiO_2 \cdot 0.04H_2O$
Unnamed zeolite	32- 995	O	3.43$_x$	6.60$_5$	1.86$_5$							X	$SiO_2 \cdot 0.2H_2O$
Unnamed zeolite	35- 60	O	3.71$_x$	8.50$_8$	5.98$_8$	8.53	8.53	14.16	90.00	90.00	90.00	T	$H_2Si_6O_{20}$
Unnamed zeolite	35- 61	O	8.89$_x$	4.23$_x$	3.34$_x$	8.14	8.38	13.64	90.00	94.00	90.00	M	$H_2Si_6O_{20} \cdot xH_2O$
Unnamed zeolite	35- 62	i	3.34$_x$	3.09$_x$	6.91$_8$	13.80	13.80	23.44	90.00	90.00	90.00	T	$H_4Si_8O_{18} \cdot H_2O$
Unnamed zeolite	35- 63	O	6.73$_x$	4.74$_8$	3.33$_8$	19.51	13.98	21.16	90.00	90.00	90.00	O	SiO_2
Unnamed zeolite	35- 375		19.6$_x$	3.42$_6$	3.33$_3$	19.68	19.68	19.68	90.00	90.00	90.00	C	$Na_{32}Al_2Si_{15.7}O_{35.4} \cdot 8H_2O$
Unnamed zeolite	37- 212	O	3.10$_x$	2.30$_x$	4.55$_9$							X	$Al_2P_2O_8 \cdot 3H_2O$
Unnamed zeolite	38- 196	O	3.84$_x$	11.2$_8$	10.0$_5$							X	$H\text{-}Al_2O_3\text{-}SiO_{21}$
Unnamed zeolite	40- 72	i	3.47$_x$	1.88$_6$	3.92$_5$	7.51	7.51	9.21	90.00	90.00	90.00	T	$Li_{0.23}Na_{0.06}Al_{0.29}Si_{2.71}O_8$
Unnamed zeolite	40- 73	i	3.45$_x$	1.87$_x$	4.46$_1$	5.16	5.16	5.46	90.00	90.00	120.00	H	$Li_xAl_xSi_{1-x}O_2$
Unnamed zeolite	40- 168	i	9.32$_x$	10.9$_9$	4.19$_8$	18.56	13.51	8.38	90.00	90.00	90.00	O	$C_{12}H_{24} \cdot Al_{20}H_2O_{80}P_{16}Si_{12}$
Unnamed zeolite	42- 379	O	3.85$_x$	3.82$_7$	10.2$_6$							X	$Na_{2.39}Al_2Si_{67.2}O_{118.59}$
Unnamed zeolite	42- 380	O	10.0$_x$	3.85$_5$	3.83$_3$							X	$Li_{1.62}Na_{2.1}Al_2Si_{10.7}O_{146.25}$
Unnamed zeolite	42- 381	O	3.85$_x$	10.1$_9$	3.82$_6$							X	$Na_{1.90}Ba_{1.3}Al_2Si_{34.8}O_{74.85}$
Unnamed zeolite	43- 16	O	3.87$_x$	11.3$_6$	10.2$_5$							X	$Na_2Ga_2Si_{46}O_{120}$
Unnamed zeolite	43- 41	O	9.37$_x$	6.88$_5$	3.94$_5$							X	$B_2O_3 \cdot SiO_2$
Unnamed zeolite	43- 66	O	11.3$_x$	3.87$_8$	10.2$_5$							X	$Na_2O \cdot 39SiO_2$
Unnamed zeolite	43- 292	O	4.29$_x$	3.88$_8$	11.9$_6$							X	$(CH_3)_4NO \cdot 0.40Na_2O \cdot 43.38SiO_2 \cdot 9.0H_2O$
Unnamed zeolite	43- 726		3.48$_x$	3.93$_6$	4.20$_2$	9.05	9.05	16.72	90.00	90.00	120.00	H	$Ga(H_2PO_4)_2 \cdot 2H_2O$
Unnamed zeolite	43- 727	O	2.89$_x$	2.17$_9$	6.66$_8$	9.62	8.67	14.24	90.00	90.00	90.00	O	$(C_6H_{15}NO_3)\text{-}Ga_2O_3\text{-}P_2O_5\text{-}H_2O$
Unnamed zeolite	43- 728	O	8.72$_x$	2.90$_6$	2.18$_6$	9.66	8.71	14.33	90.00	90.00	90.00	O	$(C_6H_{15}NO_3)\text{-}Fe_2O_3\text{-}P_2O_5\text{-}H_2O$
Unnamed zeolite	43-1660	*	3.60$_x$	6.24$_7$	4.41$_8$	8.83	8.83	8.83	90.00	90.00	90.00	C	$C_4H_{12}O_{28}Si_{12}$
Unnamed zeolite	44- 703	*	4.30$_x$	4.58$_7$	3.95$_2$	22.17	14.95	13.63	90.00	90.00	90.00	O	$[(C_5H_5)_2Co]_4[Si_{96}Al_4O_{176}]$
Unnamed zeolite	44- 784	O	11.6$_x$	3.42$_3$	2.39$_2$							X	$KAlOHPO_4 \cdot H_2O$
Unnamed zeolite	44-1142	D	12.4$_x$	5.33$_2$	8.06$_2$							X	$C_{2.25}H_{8.7}N_{0.35} \cdot GeS_2$
Unnamed zeolite	44-1143	D	9.04$_x$	12.3$_6$	3.22$_5$							X	$C_{2.4}H_{6.3}N_{0.4} \cdot GeS_2$
Unnamed zeolite	44-1144	O	8.47$_x$	9.45$_2$	5.06$_1$							X	$C_{2.33}H_{6.96}N_{0.56} \cdot SnS_2$
Unnamed zeolite	44-1145	O	9.69$_x$	6.06$_3$	3.91$_3$							X	$C_{1.04}H_{3.12}N_{0.29} \cdot Ga_{0.25}Ge_{0.75}S_2$
Unnamed zeolite	44-1146	O	8.43$_x$	4.40$_3$	2.81$_1$							X	$C_{1.44}H_{4.32}N_{0.36} \cdot Cu_{0.11}Ge_{0.89}S_2$
Unnamed zeolite	44-1147	O	7.93$_x$	3.17$_5$	4.90$_4$							X	$C_{1.6}H_{4.8}N_{0.4} \cdot Ge_{0.77}Mn_{0.23}S_2$
Unnamed zeolite	46- 538	O	5.20$_x$	4.30$_x$	3.15$_x$							X	$Na_2Sn_{1.36}Si_{2.05}O_{7.86} \cdot 2H_2O$
Unnamed zeolite	47- 357	O	10.9$_x$	3.51$_2$	4.31$_2$							X	$(K,Na)Al_2Si_{78}O_{159.5} \cdot xC_6H_{14}ClNO$
Unnamed zeolite	47- 395	O	3.54$_x$	3.60$_6$	2.52$_4$							X	$BePO_4Cl_4$
Unnamed zeolite	47- 396	O	2.98$_x$	6.03$_6$	4.82$_6$							X	$BePO_4Cl_5$
Unnamed zeolite	47- 397	O	3.06$_x$	6.16$_9$	4.38$_6$							X	$BePO_4Cl_6$
Unnamed zeolite	47- 696	O	15.5$_x$	3.44$_6$	3.30$_3$							X	$Na_{9.6}Al_3P_{0.7}Si_{138}O_{283} \cdot 56H_2O$
Unnamed zeolite	47- 697	O	13.5$_x$	3.40$_9$	3.55$_6$							X	$Na_{0.16}Al_{2.8}P_{0.7}Si_{138}O_{282}$

Zeolite Structure Type Name—Code

Zeolite Name	PDF#	QM	3 Strongest Reflections			Cell Parameters a	b	c	Cell Angles α	β	γ	Crys. Sys.	Chemical Formula
Unnamed zeolite	47-717	O	1.82$_x$	3.43$_9$	3.29$_8$							X	$K_{0.4}Na_{1.6}Al_2Si_4O_{12}\cdot 6H_2O$
Unnamed zeolite	47-751	O	6.59$_x$	3.00$_x$	3.86$_x$	9.53	9.53	9.10	90.00	90.00	90.00	T	$Na_2O\text{-}Al_2O_3\text{-}SiO_2\text{-}H_2O$
Unnamed zeolite	48-40	O	16.3$_x$	4.08$_7$	4.07$_6$							X	$Al_2PO_4SiO_6$
Unnamed zeolite	48-496	O	9.32$_x$	5.47$_6$	5.25$_5$							X	$(C_2H_{10}N_2)_{0.24}AlPO_4$
Unnamed zeolite	48-497	O	4.19$_x$	3.56$_x$	11.4$_9$							X	$C_{0.44}H_{2.2}N_{0.44}AlPO_4$
Unnamed zeolite	48-543	O	3.49$_x$	3.05$_7$	2.85$_3$							X	$BePO_4Cl_7$
Unnamed zeolite	48-672	i	2.98$_x$	2.86$_4$	3.84$_3$	9.48	8.96	9.66	90.00	89.46	90.00	M	$K_8Be_6(PO_4)_6\cdot 5.9H_2O$
Unnamed zeolite	48-1028	*	3.11$_8$	2.61$_3$	3.27$_2$	13.67	13.81	13.85	100.12	102.42	62.78	A	$KAlSiO_4$
Unnamed zeolite	49-931	O	32.6$_x$	28.2$_3$	17.1$_1$							X	$HAlSi_{29}O_{58}$
Unnamed zeolite	49-935	i	7.16$_x$	3.59$_9$	7.26$_6$	10.54	10.05	14.37	90.00	90.00	90.00	O	$C_6H_{14}N_2\cdot H_2Zn_2(PO_4)_3$
Unnamed zeolite	49-936	i	7.30$_x$	4.19$_4$	3.43$_2$	15.15	15.94	9.85	90.00	90.00	90.00	O	$C_4H_{12}N\cdot H_2Zn(PO_4)_2$
Unnamed zeolite	50-1676	O	3.10$_x$	7.60$_x$	3.14$_4$							X	$K_{2.04}Zn_{1.52}Al_{2.9}P_2O_{9.19}\cdot xH_2O$
Unnamed zeolite	51-1523		11.9$_x$	3.21$_3$	6.92$_6$	13.82	13.82	7.50	90.00	90.00	120.00	H	$K_{2.6}Na_{1.4}Al_4Si_{14}O_{30}\cdot 10H_2O$
VSZ-5	39-46		3.38$_x$	5.51$_8$	3.14$_6$	18.47	18.47	18.47	90.00	90.00	90.00	C	$Al_2O_3\cdot 4.48SiO_2\cdot 1.38Na_2O\cdot 0.24P_2O_5\cdot 5.55H_2O$
ZKU-4	42-307	O	11.6$_x$	3.78$_x$	2.69$_9$							X	$Na_2O\text{-}K_2O\text{-}Al_2O_3\text{-}SiO_2$
ZKU-5	42-306	O	3.77$_x$	11.5$_8$	2.85$_8$							X	$Na_2\text{-}K_2O\text{-}Al_2O_3\text{-}SiO_2$
ZSM-25	43-24	O	3.24$_x$	8.06$_x$	7.03$_9$							X	$Na_{1.74}Al_3Si_{8.5}O_{20.67}$
ZSM-25	44-12	O	3.25$_x$	7.04$_9$	3.11$_8$							X	$0.12((C_2H_5)_4N)_2O\cdot 0.87Na_2O\cdot Al_2O_3\cdot 8.5SiO_2$
ZSM-43	42-377	O	4.76$_x$	3.22$_9$	7.68$_6$							X	$Al_2O_3\cdot 11.1Na_2O\cdot 0.38Cs_2O\cdot 0.50C_6H_{15}ClNO\cdot xH_2O$
ZSM-43	42-378	O	4.74$_x$	3.20$_8$	3.77$_5$							X	$Al_2O_3\cdot 16.1SiO_2\cdot 0.03Na_2O\cdot 0.60Cs_2O\cdot 0.67C_5H_{10}ClNO\cdot xH_2O$
ZSM-43	44-695	O	4.75$_x$	3.22$_9$	7.56$_7$							X	$Cs_{1.3}Al_2Si_{9.5}O_{23.2}$
Zeolite Barrer L_4 (Sr)	17-144		2.55$_x$	1.49$_x$	2.58$_8$							X	$Sr_7Al_4Si_8O_{19}(OH)_2$
Zeolite Beta	47-183	O	3.92$_x$	11.3$_2$	3.00$_2$							X	$C_{6.4}H_{1.6}N_{0.8}Na_{1.2}Fe_2Si_{37}O_{78}\cdot 20H_2O$
Zeolite CHNUAP-3	49-917	O	8.71$_x$	3.70$_3$	3.64$_2$							X	$C_2H_8N_2\cdot Al_2O_3\cdot P_2O_5\cdot 40H_2O$
Zeolite CHNUAP-4	49-918	O	6.89$_x$	4.15$_5$	3.98$_5$							X	$C_{2.5}H_{15}N_{2.5}\cdot Al_2O_3\cdot P_2O_5\cdot 40H_2O$
Zeolite Ca-D	22-170		3.14$_x$	3.01$_x$	2.86$_x$							X	$CaAlSiO_4\cdot 1.2H_2O$
Zeolite D, (Cs)	39-131	i	3.02$_x$	3.14$_9$	2.88$_6$	10.07	10.07	13.36	90.00	90.00	90.00	T	$CsAlSiO_4\cdot H_2O$
Zeolite D, (Rb)	22-787		3.09$_x$	2.97$_x$	2.83$_8$							X	$RbAlSiO_4\cdot 1.3H_2O$
Zeolite D, (Sr)	17-757	O	3.54$_x$	3.48$_x$	9.51$_8$	18.50	21.00	7.12	90.00	90.00	90.00	O	Sr-Al-Si-O-H_2O
Zeolite ECR-9	48-643	i	7.61$_x$	10.6$_x$	3.04$_9$	14.12	16.14	8.65	90.00	90.00	90.00	O	$0.14Na_2O\cdot 0.98K_2O\cdot Al_{0.1}Ga_{1.9}O_3\cdot 5.04SiO_2$
Zeolite G, (Ba)	19-91	O	3.95$_x$	16.2$_9$	3.08$_8$	18.89	18.89	15.16	90.00	90.00	90.00	T	$BaAl_2Si_2O_{10}\cdot xH_2O$
Zeolite J, (Ba)	19-92	O	3.12$_x$	11.4$_8$	4.58$_8$							X	$BaAl_2Si_8O_{20}\cdot xH_2O$
Zeolite K, (Ba)	19-93	O	3.16$_x$	10.6$_8$	6.07$_8$							X	$BaAl_2Si_8O_{20}\cdot xH_2O$
Zeolite K-H	16-692		3.25$_x$	3.18$_9$	7.14$_6$	10.00	14.40	14.30	90.00	90.00	90.00	O	$K_2Al_2Si_4O_{12}\cdot xH_2O$
Zeolite K-I	18-988		13.3$_x$	11.6$_x$	2.99$_8$	13.41	13.41	13.20	90.00	90.00	120.00	H	$K_2Al_2Si_2O_8\cdot 3.6H_2O$
Zeolite K-I	22-793		11.8$_x$	13.5$_7$	2.93$_7$	13.51	13.51	13.50	90.00	90.00	120.00	H	$KAlSiO_4\cdot 2H_2O$
Zeolite K-Z	22-794		2.92$_x$	5.33$_7$	3.65$_7$							X	$K_3Al_3(SiO_4)_3OH\cdot 3.5H_2O$
Zeolite LZ-276	49-919		4.29$_x$	6.83$_9$	2.91$_9$	13.64	13.64	16.51	90.00	90.00	120.00	H	$Na_{3.48}Al_3Si_{7.47}O_{19.07}\cdot xH_2O$
Zeolite LZ-276	49-920	O	6.84$_x$	9.28$_9$	4.28$_8$							X	$(NH_4)_2Al_2Si_7O_{19.4}\cdot xH_2O$
Zeolite LZ-276	49-921	O	5.01$_x$	4.29$_5$	3.43$_5$							X	$C_{16}H_{56}N_2O\cdot 0.19Na_{1.4}Al_2Si_{6.71}O_{17.12}\cdot xH_2O$
Zeolite MCM-47	48-537	O	11.2$_x$	3.50$_4$	4.37$_3$							X	$Na_{0.20}SiO_2(OH_{0.20}\cdot xC_{14}H_{30}N_2$
Zeolite MCM-48	50-511	*	33.1$_x$	26.6$_1$	17.3$_1$	81.09	81.09	81.09	90.00	90.00	90.00	C	SiO_2
Zeolite OE	43-39	O	3.77$_x$	11.5$_8$	6.65$_8$							X	$K_{1.92}Na_{0.44}Al_2Si_{8.5}O_{21.18}\cdot 5.8H_2O$
Zeolite Phi	38-261	O	3.43$_x$	2.92$_x$	9.51$_8$							X	$Na_{1.98}Al_2Si_{4.55}O_{13.09}\cdot 5.49H_2O$
Zeolite SCS-15	48-1060	O	9.20$_x$	4.45$_1$	4.25$_1$							X	$CH_3Al_{0.5}N_{0.5}O_2P_{0.5}$
Zeolite SCS-17	48-1061	O	11.2$_x$	9.20$_8$	12.2$_4$							X	$C_{1.12}H_{3.36}Al_{0.5}N_{0.56}O_2P_{0.5}$
Zeolite SCS-18	48-1062	O	9.80$_x$	3.60$_8$	4.47$_4$							X	$C_{0.54}H_{1.62}Al_{0.5}N_{0.32}O_2P_{0.5}$
Zeolite SCS-19	48-1063	O	12.4$_x$	6.20$_1$	14.9$_1$							X	$C_{0.96}H_{2.88}Al_{0.5}N_{0.46}O_2P_{0.5}$
Zeolite SCS-20	48-1064	O	9.80$_x$	4.90$_8$	3.26$_4$							X	$C_{0.72}H_{2.16}Al_{0.5}N_{0.36}O_2P_{0.5}$
Zeolite SCS-21	48-1065	O	5.90$_x$	6.70$_8$	4.70$_6$							X	$C_{0.4}H_{1.2}Al_{0.5}N_{0.2}O_2P_{0.5}$
Zeolite SSZ-28	49-915	O	5.16$_x$	3.39$_7$	5.73$_7$							X	$K_2O\text{-}Al_2O_3\text{-}SiO_2$
Zeolite SSZ-28	49-916	O	13.2$_x$	11.1$_7$	5.66$_6$							X	$K_2O\text{-}Al_2O_3\text{-}SiO_2$
Zeolite ULM-5	49-934	C	14.7$_x$	12.3$_9$	7.24$_2$	10.25	18.41	24.64	90.00	90.00	90.00	O	$C_{24}H_{96}\cdot N_2Ge_{16}(PO_4)_{16}(OH)_2F_7\cdot 6H_2O$

Zeolite Name	PDF#	Structure Type Code
ABW,(Li)	46- 631	ABW
ACP-1	49- 624	ACO
AG4	43- 48	ZZ9
AG6	43- 50	ZZ9
AG8	43- 49	ZZ9
AMS-1B	42- 382	MFI
AMS-1B	42- 383	MFI
AMS-1Cr	43- 37	MFI
AMS-1Cr	47- 766	MFI
AMS-1Cr	47- 767	MFI
Afghanite	46-1264	AFG
AlAsO4-3	42- 102	ZZ9
AlAsO4-4	42- 103	ZZ9
AlAsO4-5	46- 890	ZZ9
AlAsO4-6	47- 789	ZZ9
AlAsO4-D	41- 563	ZZ9
AlPO-21 (Pyrrolidine)	45- 184	AWO
AlPO4-5	39- 216	AFI
AlPO4-5	40- 71	AFI
AlPO4-5	41- 44	AFI
AlPO4-5	41- 557	AFI
AlPO4-6	44- 44	AFI
AlPO4-5	46-1080	AFI
AlPO4-8	43- 561	AET
AlPO4-8	46- 551	AET
AlPO4-8	47- 245	AET
AlPO4-9	43- 562	ZZ1
AlPO4-11	41- 556	AEL
AlPO4-11	43- 563	AEL
AlPO4-11	47- 599	AEL
AlPO4-12	43- 564	ATT
AlPO4-12-TAMU	41- 565	ATT
AlPO4-14	43- 565	AFN
AlPO4-14	46- 630	AFN
AlPO4-14	46- 751	AFN
AlPO4-14	47- 603	AFN
AlPO4-14A	47- 325	ZZ1
AlPO4-15	45- 183	ZZ1
AlPO4-16	41- 564	AST
AlPO4-16	43- 566	AST
AlPO4-17	41- 574	ERI
AlPO4-17	43- 567	ERI
AlPO4-17	47- 606	ERI
AlPO4-18	43- 568	AEI
AlPO4-18	45- 117	AEI
AlPO4-18	45- 118	AEI
AlPO4-18	47- 608	AEI
AlPO4-20	43- 569	SOD
AlPO4-20	45- 509	SOD
AlPO4-20	50-1697	SOD
AlPO4-20 (Sodalite)	47- 597	SOD
AlPO4-21	43- 571	AWO
AlPO4-21	45- 179	AWO
AlPO4-21	45- 455	AWO
AlPO4-22	41- 567	AWW
AlPO4-22	43- 570	AWW
AlPO4-22	45- 456	AWW
AlPO4-22	47- 598	AWW
AlPO4-23	43- 573	ZZ9
AlPO4-25	41- 566	ATV
AlPO4-25	43- 572	ATV
AlPO4-28	47- 610	ZZ9
AlPO4-28	47- 611	ZZ9
AlPO4-31	43- 574	ATO
AlPO4-31	45- 177	ATO
AlPO4-33	47- 711	ATT
AlPO4-33	47- 712	ATT
AlPO4-34	47- 166	CHA
AlPO4-34	47- 167	CHA
AlPO4-34	47- 168	CHA
AlPO4-34	47- 184	CHA
AlPO4-40	52- 162	AFR
AlPO4-41	46- 556	AFO
AlPO4-41	52- 211	AFO
AlPO4-52	46- 338	AFT
AlPO4-52	46- 697	AFT
AlPO4-52	46- 698	AFT
AlPO4-52, calcined, partially rehydrated	50-1702	AFT
AlPO4-54	42- 28	VFI
AlPO4-C	41- 560	APC
AlPO4-C	41- 561	APC
AlPO4-C	45- 457	APC
AlPO4-D	41- 562	APD
AlPO4-H1	48- 33	VFI
AlPO4-H2	46- 557	AHT
AlPO4-H3	48- 34	APC
AlPO4-H4	48- 35	ZZ9
Aluminosilicate, (Cs)	41- 569	CAS
Amicite	33-1273	GIS
Ammonioleucite	40- 474	ANA
Ammonioleucite, (Tl)	51-1539	ANA
Analcime	19-1180	ANA
Analcime	41-1478	ANA
Analcime, (Cs,Ga)	45- 181	ANA
Analcime, (Cs,Ga)	45- 182	ANA
Analcime, (Ga)	44- 32	ANA
Analcime, (Mg)	42-1378	ANA
Analcime, (NH4)	14- 19	ANA
Analcime, (NR4)	45- 515	ANA
Analcime, (P)	43- 136	ANA
Analcime, (Rb,Mg)	43-1489	ANA
Barrerite	29-1185	STI
Bellbergite	45-1482	EAB
Beryllophosphate H	41- 568	BPH
Beryllophosphate-E	46- 294	EDI
Beryllophosphate-G	46- 293	GIS
Beryllophosphate-H	46- 296	BPH
Beryllophosphate-P	46- 295	ANA
Beryllophosphate-R	46- 292	RHO
Bikitaite	14- 168	BIK
Boggsite	42-1379	BOG
Brewsterite	41-1356	BRE
Bystrite	45-1373	LOS
CAM-1	50-1680	ZZ9
CAPSO-34	47- 701	CHA
CF-3	39- 155	MTN
CFAP-7A	42- 6	ZZ9
CFAP-7B	42- 7	ZZ9
CFAP-7B	42- 8	ZZ9
CFSAPO-1(A)	41- 113	ZZ9
CFSAPO-1(B)	41- 114	ZZ9
CFSAPO-1(C)	41- 115	ZZ9
CIT-1	50-1694	CON
CIT-1	50-1703	CON
CIT-1	52- 110	CON
CIT-5	51-1382	CFI
CSZ-1	47- 722	EMT
CSZ-1	47- 722	FAU
CSZ-1	47- 723	EMT
CSZ-1	47- 723	FAU
CT-5	48- 161	ZZ9
CZH-5	47- 721	MTW
Ca-Tetranatrolite	42-1381	NAT
Calcined ITQ-3	49- 623	ITE
Calcined ITQ-4	49- 619	IFR
Cancrinite	34- 176	CAN
Cancrinite	46-1332	CAN
Cancrinite (Cs,Li,Tl)	48- 520	CAN
Cancrinite, (Li,Ca)	45- 124	CAN
Cancrinite, (Li,Cs)	47- 252	CAN
Cancrinite, (Li,Tl)	47- 253	CAN
Cesium silicotitanate	50- 58	ZZ1
Chabazite	34- 137	CHA
Chabazite	52- 784	CHA
Chabazite (Al)	44- 248	CHA
Chabazite, (Ba)	43- 137	CHA
Chabazite, (Co,P)	45- 119	CHA
Chabazite, (Cs)	44- 45	CHA
Chabazite, (Cs)	44- 46	CHA
Chabazite, (K)	12- 194	CHA
Chabazite, (Sr)	45-1427	CHA
Chabazite-Na	19-1178	CHA
Chiavennite	35- 602	CHI
Chiral Zincophosphate	49- 621	CZP
Clathrasil	38-1823	NON
Clathrasil	42- 5	ZZ9
Clinoptilolite	39-1383	HEU
Clinoptilolite, (Na)	47-1870	HEU
Clinoptilolite-(Ce)	44-1398	HEU
Cloverite	46- 558	CLO
Cloverite	50-1705	CLO
CoAPO	52- 161	FAU
CoAPO-20	50-1701	SOD
CoAPO-34	50-1479	CHA
CoAPO-34	50-1480	CHA
CoAPO-34	50-1481	CHA
CoAPO-43	52-1510	GIS
CoAPO-44	46- 339	CHA
CoAPO-5	50- 512	AFI
CoAPO-50	41- 559	AFY
CoAPSO-44	46- 340	CHA
CoAPSO-47	46- 342	CHA
Cobalt-Gallium-Phosphate-5	49- 618	CGF
Cobalt-Gallium-Phosphate-6	49- 622	CGS
Cowlesite	46-1405	ZZ9
CuAPO-20	50-1700	SOD
DPZ-1A	47- 249	FAU
DPZ-1B	47- 250	FAU
DPZ-2A	48- 516	RHO
DPZ-2B	47- 248	RHO
DPZ-40	52-1408	ABW
DPZ-4A	48- 517	ABW
DPZ-4B	48- 518	ABW
DPZ-4C	48- 519	ABW
DPZ-4D	47- 251	ABW
DPZ-7A	47- 246	SOD
DPZ-7B	47- 247	SOD
Dachiardite	18- 467	DAC
Dachiardite, (Na)	30-1149	DAC
Danalite	11- 491	SOD
Davyne	50-1678	CAN
Deca-dodecasil-3R	38- 651	DDR
Deca-dodecasil-3R	41- 571	DDR
Dodecasil-1H	41- 572	DOH
Dodecasil-3C	39- 227	MTN
Dodecasil-3C	45- 284	MTN
EAB	41- 573	EAB
ECR-1	46- 552	ZZ4
ECR-1	46- 867	ZZ4
ECR-1	46- 868	ZZ4
ECR-1	47- 288	MAZ
ECR-1	47- 288	MOR
ECR-10	46- 539	RHO
ECR-15	47- 236	ZZ9
ECR-18	47- 354	PAU
ECR-2	39- 294	LTL
ECR-26	50-1692	GME
ECR-26	50-1693	GME
ECR-30	47- 655	EMT
ECR-30	47- 655	FAU
ECR-34	51- 168	ZZ9
ECR-5	47- 235	CAN
EMT (Na)	46- 566	EMT
EU-12	48- 733	ZZ9
EU-19	46- 567	ZZ1
Edingtonite	25- 50	EDI
Edingtonite, (K,Cl)	46- 123	EDI
Edingtonite, (Li)	27-1212	EDI
Epistilbite	39-1381	EPI
Erionite	39-1379	ERI
Ethylene glycol sodalite	49-1063	SOD
Faujasite	12- 228	FAU
Faujasite	12- 246	FAU
Faujasite	28-1034	FAU
Faujasite	39-1380	FAU
Ferrierite	39-1382	FER
Ferrierite, (Ca)	46- 80	FER
Ferrimordenite	48- 513	MOR
Franzinite	30-1170	FRA
GaPO4-21	45- 180	AWO
GaPO4-M1	51- 240	ZZ1
GaPO4-M2	51- 241	ZZ1
Garronite	39-1374	GIS
Garronite	51-1499	GIS
Genthelvite	38- 467	SOD
Gismondine	20- 452	GIS
Gismondine	39-1373	GIS
Gismondine (dehydrated)	46- 341	GIS
Giuseppettite	35- 479	ZZ4
Gmelinite	38- 435	GME
Gobbinsite	35- 559	GIS
Gonnardite	10- 473	NAT
Gonnardite	42-1380	NAT
Gonnardite	45-1324	NAT
Goosecreekite	35- 469	GOO
Gottardiite	49-1814	NES
Gottardiite	49-1831	NES
H-Fu1	48- 748	ZZ9
H-Nu1	46- 747	RUT
Harmotome	39-1377	PHI
Harmotome, (Na)	12- 697	PHI
Hauyne	37- 473	SOD
Hauyne	50-1644	SOD
Hauyne-Pb	29-1221	SOD
Heulandite	41-1357	HEU
Heulandite-Sr	24- 469	HEU
Hydrogen Nu-3	46- 750	LEV
Hydroxysodalite	11- 401	SOD
ISI-4	43- 15	MTT
ITQ-3	51-1381	ITE
ITQ-4	51-1380	IFR
ITQ-7	51-1379	ISV
ITQ-9	51-1878	STF
Kenyaite, (H)	37- 385	ZZ1
Kenyaite, (H)	37- 386	ZZ1
Kryptofix 222-AlPO4	51- 76	LTA
Kryptofix 222-AlPO4	51- 77	LTA
LZ-200	47- 716	ZZ9
Laumontite	26-1047	LAU
Laumontite	45-1325	LAU
Lazurite	17- 749	SOD
Lazurite	41-1392	SOD
Lazurite	41-1393	SOD
Lazurite	42-1312	SOD
Leucite	38-1423	ANA
Leucite	52- 129	ANA
Levyne	26-1381	LEV
Levyne	46-1263	LEV
Levyne	51- 51	LEV
Levyne	51- 52	LEV
Linde A	11- 589	LTA
Linde A, (Li)	14- 298	LTA
Linde B1	38- 327	GIS
Linde B2	38- 328	GIS
Linde B3	38- 329	GIS
Linde B7	38- 330	GIS
Linde L	22- 773	LTL
Linde L	39- 224	LTL
Liottite	47-1742	LIO
Lithium Zinc Phosphate Hydrate	52-1483	ABW
Losod	31-1269	LOS
Losod, (Na)	39- 221	LOS
Lovdarite	25-1302	LOV
Lovdarite	39-1367	LOV
MAPO-39	46- 681	ATN
MAPO-39	50-1704	ATN
MAPO-41	46- 682	AFO
MAPO-43	42- 19	GIS
MAPO36	46- 559	ATS
MAPSO-36, calcined	52-1177	ATS
MAPSO-46	41- 558	AFS
MCM-1	46- 645	ZZ9
MCM-21	43- 88	ZZ9
MCM-22	48- 75	MWW
MCM-41	49-1711	ZZ9
MCM-41	49-1712	ZZ9
MCM-48	51-1591	ZZ9
MCM-58	52- 113	IFR
MCM-9	42- 427	VFI
MCM-9	46- 646	VFI
Magadiite	42-1350	ZZ1
Magadiite, (H)	29- 668	ZZ1
Mazzite	38- 426	MAZ
Melanophlogite	25- 7	MEP
Merlinoite	29- 989	MER

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Zeolite Name	PDF#	Structure Type Code
Mesolite	24-1064	NAT
Metaheulandite	24- 765	ZZ9
Metavariscite	33- 32	ZZ1
MgCoAPO-5	48- 684	AFI
Microsommite	20- 743	CAN
Mn-SAPO-11	48- 104	AEL
MnAPO-11	41- 555	AEL
MnAPO-20	50-1698	SOD
MnCoAPO-5	48- 685	AFI
Montesommaite	46-1351	MON
Mordenite	6- 239	MOR
Mordenite	29-1257	MOR
Mordenite	47- 410	MOR
Mordenite, (Ba)	44- 48	MOR
Mordenite, (Ca)	11- 155	MOR
Mordenite, (Ca)	44-1391	MOR
Mordenite, (NH4)	43- 171	MOR
Mordenite, (Na)	31-1268	MOR
Mordenite, (Na,Li)	38- 318	MOR
Mordenite, (Rb)	44-1387	MOR
Mu-1	51-1422	ZZ9
Mu-2	51- 80	ZZ1
Mu-4	51-2111	ZZ9
NAT	44- 49	NAT
Na-1	35-1501	ZZ9
Na-Ba exchanged	47- 1	FAU
NaX-Zeolite	47- 736	FAU
NaZ-21	42- 21	LTN
Natrolite	45-1413	NAT
Natrolite, (Ga)	33-1243	NAT
Natrolite, (Ga)	34- 583	NAT
Natrolite, (K)	38- 337	NAT
Natural ZSM-5	50-1665	MFI
Nepheline hydrate	10- 459	JBW
Nepheline hydrate	10- 460	JBW
Nepheline hydrate III	12- 247	ZZ9
NiAPO-20	50-1699	SOD
Nonasil	42- 25	NON
Nosean	17- 538	SOD
Nu-1	43- 52	RUT
Nu-1	47- 594	RUT
Nu-1	47- 595	ZZ9
Nu-1	47- 596	RUT
Nu-10	37- 355	TON
Nu-10	39- 96	TON
Nu-10	39- 97	TON
Nu-10	39- 98	TON
Nu-10	39- 99	TON
Nu-10	44- 611	TON
Nu-10	44- 612	TON
Nu-10, (H)	38- 194	TON
Nu-10, (K,H)	37- 356	TON
Nu-10, (K,Na)	39- 95	TON
Nu-10, (Na)	39- 94	TON
Nu-3	42- 20	LEV
Nu-3	46- 749	LEV
Nu-3	47- 705	LEV
Nu-3	47- 706	LEV
Nu-3	47- 707	LEV
Nu-6	42- 119	MFI
Nu-6	42- 120	MFI
Nu-6(1)	42- 358	ZZ9
Nu-6(2)	42- 359	ZZ9
Octadecasil	48- 475	AST
Octadecasil	48- 476	AST
Offretite	22- 803	OFF
Offretite	25-1186	OFF
Omega	23-1894	MAZ
Omega	44- 11	MAZ
Pahasapaite	41-1384	RHO
Paranatrolite	35- 458	NAT
Paranatrolite	42-1386	NAT
Partheite	36- 378	PAR
Paulingite	39-1378	PAU
Paulingite	50-1604	PAU
Perhamite	29- 284	ZZ9
Perlialite	33- 395	LTL
Phase F, (Ba,Li)	30- 742	EDI
Phase M, (Ba)	30- 107	PHI
Phase M, (Ba,Li)	30-1158	PHI
Phase M, (Ba,Na)	30- 743	PHI
Phase N	23-1313	ZZ9
Phase O	27-1335	ZZ9
Phase X	28-1036	FAU
Phase X1	34- 717	ZZ9
Phase X2	31-1234	ZZ9
Phase Y	31-1233	ZZ9
Phillipsite	39-1375	PHI
Phillipsite	51-1497	PHI
Pollucite	25- 194	ANA
Pollucite	29- 407	ANA
Pollucite	47- 471	ANA
Pollucite, (Cu)	44- 47	ANA
Pollucite, (Fe)	45- 418	ANA
Pollucite,(Fe)	43-1486	ANA
RHO (Ti)	46- 553	RHO
RUB-13	50-1677	RTH
RUB-13	50-1707	RTH
RUB-3	50-1695	RTE
RUB-3	50-1708	RTE
RUB-4	50-1696	ZZ9
Rho	27- 15	RHO
Rho	27-1086	RHO
Rho	40- 337	RHO
Rho (Rb,Be,P)	46- 552	RHO
Rho (Ti,Be,As)	46- 554	RHO
Rho (Ti,Be,P)	46- 555	RHO
Rho, (Ce)	39-1368	RHO
Rho, (Cs)	40- 59	RHO
Rho, (NH4)	44-1498	RHO
Rho, (NH4)	44-1499	RHO
Rho, (NH4)	44-1500	RHO
Rho, (Na,Ca)	43- 53	RHO
Roggiánite	39- 366	RON
SAPO-11	41- 23	AEL
SAPO-11	41- 24	AEL
SAPO-11	42- 428	AEL
SAPO-11	46- 647	AEL
SAPO-11	47- 613	AEL
SAPO-11	47- 614	AEL
SAPO-17	47- 620	ERI
SAPO-17	47- 621	ERI
SAPO-20	45- 510	SOD
SAPO-20	47- 615	SOD
SAPO-20	47- 616	SOD
SAPO-31	47- 631	ATO
SAPO-31	47- 632	ATO
SAPO-34	47- 429	CHA
SAPO-34	47- 617	CHA
SAPO-35	47- 622	LEV
SAPO-35	47- 623	LEV
SAPO-37	47- 624	FAU
SAPO-37	47- 625	FAU
SAPO-40	47- 626	AFR
SAPO-40	47- 627	AFR
SAPO-41	47- 633	APO
SAPO-41	47- 634	APO
SAPO-42	47- 628	LTA
SAPO-44	47- 629	CHA
SAPO-44	47- 630	CHA
SAPO-46	50-1711	AFS
SAPO-47	41- 570	CHA
SAPO-5	47- 618	AFI
SAPO-5	47- 619	AFI
SAPO-5	49- 659	AFI
SAPO-56	52-1178	AFX
SCS-14	47- 409	ZZ9
SCS-24	50- 73	ZZ9
SSZ-13	47- 762	CHA
SSZ-16	47- 763	AFX
SSZ-17	47- 764	PHI
SSZ-19	47- 765	ZZ9
SSZ-23	51-1377	STT
SSZ-24	45- 130	AFI
SSZ-24	45- 131	AFI
SSZ-25	46- 267	MWW
SSZ-25	50-1679	MWW
SSZ-25, calcined	51-1598	MWW
SSZ-26	47- 355	CON
SSZ-28	47- 674	CON
SSZ-32	48- 495	MTT
SSZ-33	52- 109	CON
SSZ-35, as-synthesized	51-1593	STF
SSZ-35, as-synthesized, alumino silicate	51-1595	STF
SSZ-35, calcined	51-1594	STF
SSZ-44	52- 115	SFF
SSZ-44	52- 117	SFF
STA-1	49- 628	SAO
STA-1	51-1757	SAO
STA-2	49- 620	SAT
STA-2	51-1756	SAT
STA-5	51-1755	ZZ9
STA-6	51-1754	SAS
SUZ-2	47- 407	ZZ9
SUZ-2	47- 408	ZZ9
SUZ-9, as-synthesized	51- 449	ZZ9
SUZ-9, calcined	52- 280	ZZ9
Sacrofanite	47-1741	ZZ9
Scolecite	41-1355	NAT
Si-NCL-1	49- 673	ZZ4
SiCo-9	42- 495	ZZ9
Silhydrite	25-1332	ZZ9
Silica X	34-1382	ZZ9
Silica sodalite	51-1423	SOD
Silicalite	44- 696	MFI
Silicalite-1, (DIPA,F)	45- 739	MFI
Silicalite-1, (TPA,F)	45- 737	MFI
Silicalite-1, (TRIPA,F)	45- 738	MFI
Silicalite-2, (Ti)	43- 55	MEL
Silicate E	47- 715	MFI
Sodalite	37- 476	SOD
Sodalite	46- 103	SOD
Sodalite	50- 562	SOD
Sodalite	52- 145	SOD
Sodalite	52- 146	SOD
Sodalite (F)	49- 937	SOD
Sodalite (Li,Cl,Be,As)	46- 560	SOD
Sodalite (Li,Cl,Be,P)	46- 561	SOD
Sodalite, (Ag)	43- 238	SOD
Sodalite, (Ag)	43- 239	SOD
Sodalite, (Ag,Ga)	43- 240	SOD
Sodalite, (B(OH)4)	43- 250	SOD
Sodalite, (B(OH)4)	43- 251	SOD
Sodalite, (CN)	37- 198	SOD
Sodalite, (CO3)	24-1045	SOD
Sodalite, (Gz)	43- 245	SOD
Sodalite, (Ge)	43- 141	SOD
Sodalite, (Ge)	43- 241	SOD
Sodalite, (Ge)	43- 242	SOD
Sodalite, (Ge,B(OH4)	43- 246	SOD
Sodalite, (Ge,Br)	43- 138	SOD
Sodalite, (Ge,Br)	43- 248	SOD
Sodalite, (Ga,Cl)	43- 139	SOD
Sodalite, (Ge,Cl)	43- 247	SOD
Sodalite, (Ga,ClO4)	43- 244	SOD
Sodalite, (Ge,I)	43- 140	SOD
Sodalite, (Ge,I)	43- 249	SOD
Sodalite, (Ge,NO3)	43- 243	SOD
Sodalite, (GeBr)	43-1487	SOD
Sodalite, (K,Cl)	41- 72	SOD
Sodalite, (NH4)	14- 17	SOD
Sodalite, (NO2,CO3)	48- 443	SOD
Sodalite, (Na,ClO4)	44- 79	SOD
Sodalite, (Na,Zn,P)	45- 122	SOD
Sodalite, (NaNO3)	50- 248	SOD
Sodalite, (Rb,Cl)	41- 73	SOD
Sodalite, (Zn,As)	45- 134	SOD
Sodium Aluminum Silicate	48- 731	ZZ9
Species F, (Na)	25- 777	EDI
Species P	44- 103	ZZ9
Species P1, (Na)	25- 778	GIS
Species P2, (Na)	25- 779	GIS
Sr exchanged	47- 2	FAU
Stellerite	25- 124	STI
Stilbite	24- 894	STI
Stilbite, (Cu)	46-1082	STI
Stilbite, (Na,Ca,Cu)	45-1256	STI
TASO-20	46- 865	SOD
TASO-20	46- 866	SOD
TASO-38	46- 860	MOR
TASO-38	46- 861	MOR
TASO-48	46- 862	MEL
TASO-48	46- 863	MEL
TASO-49	46- 864	MTW
TS-NU-1, as-synthesized	52-1184	RUT
TSZ	43- 313	MFI
TSZ	44- 115	MFI
Terranovaite	50-1714	TER
Terranovaite	51-1439	TER
Tetranatrolite	33-1205	NAT
Thomsonite	35- 498	THO
Thomsonite	46-1448	THO
TiAPSO-11	46- 847	AEL
TiAPSO-11	46- 848	AEL
TiAPSO-16	46- 849	AST
TiAPSO-16	46- 850	AST
TiAPSO-34	46- 851	CHA
TiAPSO-34	46- 852	CHA
TiAPSO-35	46- 853	LEV
TiAPSO-35	46- 854	LEV
TiAPSO-44	46- 855	CHA
TiAPSO-5	46- 845	AFI
TiAPSO-5	46- 846	AFI
Ti-leucite	52-1498	ANA
Tounkite	50-1541	ZZ9
TsVK-I	42- 12	MEL
TsVK-I	42- 13	MRL
TsVK-II	42- 16	MFI
TsVK-II	42- 17	MFI
Tsch\Pfortnerite	50-1611	TSC
Tschernichite	46-1396	BEA
UCSB-10 GaZn	49- 617	SBT
UCSB-6GaCo	49- 626	SBS
UCSB-8Co	49- 625	SBE
US-Y	42- 18	FAU
USC-4	47- 718	MFI
USI-10B	42- 298	ZZ9
UTD-1	50- 57	DON
UTD-1 as synthesized	52- 160	DON
UTD-2	52- 103	ZZ9
UTD-3	52- 106	ZZ9
UTD-3	52- 107	ZZ9
UTD-5	52- 104	ZZ9
UTD-5	52- 105	ZZ9
UTD-6	52- 108	ZZ9
UiO-7	49- 631	ZON
V-NCL-1	49- 674	ZZ4
VPI-5	44- 503	VFI
VPI-5	45- 176	VFI
VPI-5	45- 476	VFI
VPI-5	46- 171	VFI
VPI-5	46- 651	VFI
VPI-7	46- 563	VSV
VSZ-5	39- 46	ZZ9
Variscite	25- 18	ZZ1
Variscite	33- 33	ZZ1
Viaeite	5- 616	ANA
Vishnevite	46-1333	CAN
Wairakite	15- 139	ANA
Wairakite	42-1451	ANA
Wellsite	39-1376	PHI
Wenkite	19-1418	WEN
Willhendersonite	35- 643	CHA
Yugawaralite	39-1372	YUG
Z-21	27-1405	LTN
ZK-14, (K,TMA)	37- 792	CHA
ZK-21	27-1405	LTA
ZK-4	44- 100	LTA
ZK-5	37- 360	KFI
ZK-5	39- 220	KFI
ZK-5	40- 338	KFI
ZK-5	40- 339	KFI
ZK-5	44- 101	KFI
ZK-5, (Na,Li)	41- 30	KFI

Zeolite Name	PDF#	Structure Type Code
ZKU-4	42- 307	ZZ9
ZKU-5	42- 308	ZZ9
ZSM-10	62- 142	ZZ4
ZSM-11	38- 246	MEL
ZSM-11	38- 247	MEL
ZSM-11	38- 248	MEL
ZSM-11	42- 22	MEL
ZSM-11, (H)	38- 195	MEL
ZSM-12	43- 439	MTW
ZSM-12	44- 68	MTW
ZSM-12	47- 708	MTW
ZSM-18	43- 57	MEI
ZSM-18	52- 144	MEI
ZSM-20	43- 46	EMT
ZSM-20	43- 46	FAU
ZSM-20	47- 553	EMT
ZSM-20	47- 553	FAU
ZSM-20	47- 554	EMT
ZSM-20	47- 554	FAU
ZSM-20, dealuminated	45- 111	EMT
ZSM-20, dealuminated	45- 111	FAU
ZSM-22	44- 119	TON
ZSM-22	50-1675	TON
ZSM-22 (Si)	46- 569	TON
ZSM-23	43- 582	MTT
ZSM-23	44- 102	MTT
ZSM-23	46- 570	MTT
ZSM-25	43- 24	ZZ9
ZSM-25	44- 12	ZZ9
ZSM-3	38- 317	EMT
ZSM-3	38- 317	FAU
ZSM-3	48- 730	EMT
ZSM-3	48- 730	FAU
ZSM-34	42- 308	ERI
ZSM-34	42- 308	OFF
ZSM-34	42- 374	ERI
ZSM-34	42- 374	OFF
ZSM-34	43- 578	ERI
ZSM-34	43- 578	OFF
ZSM-34	48- 661	ZZ1
ZSM-35	44- 104	FER
ZSM-35	44- 109	FER
ZSM-35	51- 242	FER
ZSM-38	43- 576	FER
ZSM-38	44- 105	FER
ZSM-39	40- 136	MTN
ZSM-39	41- 553	MTN
ZSM-39	47- 719	MTN
ZSM-39	47- 720	MTN
ZSM-4	34-1830	MAZ
ZSM-4	42- 309	MAZ
ZSM-43	42- 377	ZZ9
ZSM-43	42- 378	ZZ9
ZSM-43	44- 695	ZZ9
ZSM-48	43- 531	ZZ1
ZSM-48	44-1394	ZZ1
ZSM-5	37- 390	MFI
ZSM-5	39- 225	MFI
ZSM-5	42- 23	MFI
ZSM-5	42- 24	MFI
ZSM-5	43- 321	MFI
ZSM-5	43- 322	MFI
ZSM-5	44- 2	MFI
ZSM-5	44- 3	MFI
ZSM-5	45- 120	MFI
ZSM-5	47- 638	MFI
ZSM-5, (Al)	40- 64	MFI
ZSM-5, (Ca)	45- 133	MFI
ZSM-5, (Fe)	39- 161	MFI
ZSM-5, (H)	37- 359	MFI
ZSM-5, (Na)	37- 361	MFI
ZSM-5, (Ti)	45- 191	MFI
ZSM-57	45- 192	MFS
ZSM-57, calcined	47- 635	MFS
ZSM-58	43- 40	SGT
ZSM-8	41- 411	MFI
ZSM-8	48- 134	MFI
ZSM-8	48- 135	MFI
ZYT-6	44-1389	CHA
Zeolite (Na,Zn,P)	45- 128	FAU
Zeolite 4A	43- 142	LTA
Zeolite 4A, (Ag)	43- 143	LTA
Zeolite 4A, (Co)	43- 144	LTA
Zeolite 5A	19-1183	LTA
Zeolite 5A	19-1454	LTA
Zeolite A (Co,CS2)	46- 564	LTA
Zeolite A (Pb)	46- 566	LTA
Zeolite A, (Ag)	43- 145	LTA
Zeolite A, (Cd)	43- 146	LTA
Zeolite A, (Co,Br)	45- 178	LTA
Zeolite A, (Ca,Ca)	45- 188	LTA
Zeolite A, (Ca,Ca)	45- 189	LTA
Zeolite A, (Ca,Ca)	45- 190	LTA
Zeolite A, (K)	43- 147	LTA
Zeolite A, (K,Zn)	43- 148	LTA
Zeolite A, (Li)	38- 242	LTA
Zeolite A, (Na)	31-1261	LTA
Zeolite A, (Na)	38- 241	LTA
Zeolite A, (Na)	39- 222	LTA
Zeolite A, (Na)	39- 223	LTA
Zeolite A, (Rb,Ag)	45- 185	LTA
Zeolite A, (Rb,Ag)	45- 186	LTA
Zeolite A, (Rb,Ag)	45- 187	LTA
Zeolite A, (Sr)	38- 243	LTA
Zeolite A, (Ti)	38- 244	LTA

Zeolite Name	PDF#	Structure Type Code
Zeolite ABW	44- 51	ABW
Zeolite ABW (Ti)	45- 132	ABW
Zeolite ABW, (Li)	27-1211	ABW
Zeolite ABW, (Li)	39- 150	ABW
Zeolite ABW, (Li)	39- 215	ABW
Zeolite ABW, (Li)	40- 83	ABW
Zeolite ABW, (Li)	41- 554	ABW
Zeolite ABW, (Li)	47- 27	ABW
Zeolite Al-mordenite	49- 924	MOR
Zeolite Al/Nu-23	49- 922	FER
Zeolite Barrer L, (Sr)	17- 144	ZZ9
Zeolite Beta	47- 183	ZZ9
Zeolite Beta	48- 38	BEA
Zeolite Beta	48- 74	BEA
Zeolite CHNUAP-3	49- 917	ZZ9
Zeolite CHNUAP-4	49- 918	ZZ9
Zeolite CoAPSO44	49- 658	CHA
Zeolite Cs-D	22- 170	ZZ9
Zeolite D, (Ca)	39- 131	ZZ9
Zeolite D, (Rb)	22- 787	ZZ9
Zeolite D, (Rb)	38- 217	EDI
Zeolite D, (Sr)	17- 757	ZZ9
Zeolite D, (Sr)	18-1266	FER
Zeolite E	23-1895	EAB
Zeolite E, (K)	44-1392	EAB
Zeolite E, (Na,TMA)	35-1502	EAB
Zeolite ECR-18	48- 536	PAU
Zeolite ECR-9	48- 643	ZZ9
Zeolite F	44-1388	EDI
Zeolite F, (K)	38- 216	EDI
Zeolite F, (Sr)	17- 141	GME
Zeolite G, (Ba)	19- 91	ZZ9
Zeolite G, (Sr)	17- 142	CHA
Zeolite Ga-mordenite	49- 925	MOR
Zeolite Ga/Nu-23	49- 923	FER
Zeolite H	16- 715	PHI
Zeolite HZSM-6	49- 657	MFI
Zeolite I, (Sr)	17- 139	ANA
Zeolite J, (Ba)	19- 92	ZZ9
Zeolite K, (Ba)	19- 93	ZZ9
Zeolite K-F, (Na)	39- 217	EDI
Zeolite K-G1	44- 250	CHA
Zeolite K-H	16- 692	ZZ9
Zeolite K-I	18- 988	ZZ9
Zeolite K-I	22- 793	ZZ9
Zeolite K-M	30- 902	MER
Zeolite K-Z	22- 794	ZZ9
Zeolite KZ-1	37- 411	MTT
Zeolite KZ-2	37- 412	TON
Zeolite L	43- 47	LTL
Zeolite L	43- 560	LTL
Zeolite L	44-1393	LTL
Zeolite L	48- 514	LTL
Zeolite LZ-276	49- 919	ZZ9
Zeolite LZ-276	49- 920	ZZ9
Zeolite LZ-276	49- 921	ZZ9
Zeolite M, (Sr)	17- 138	MOR
Zeolite MCM-22	49- 656	MWW
Zeolite MCM-47	48- 537	ZZ9
Zeolite MCM-48	50- 511	ZZ9
Zeolite N	26-1988	LTN
Zeolite N	50- 90	EDI
Zeolite N, (Sr)	17- 755	LTN
Zeolite N-L	14- 18	GIS
Zeolite Nu-1	49- 933	RUT
Zeolite Nu-87	48- 89	NES
Zeolite Nu-87, (Na)	48- 545	NES
Zeolite OE	43- 39	ZZ9
Zeolite P	24-1432	KFI
Zeolite P	24-1433	KFI
Zeolite P, (Na)	40-1464	GIS
Zeolite P, (Na)	44- 52	GIS
Zeolite P-A	38- 323	LTA
Zeolite P-B	38- 325	GIS
Zeolite P-C	38- 319	ANA
Zeolite P-G	38- 321	CHA
Zeolite P-L	38- 324	LTL
Zeolite P-R	38- 322	CHA
Zeolite P-W	38- 320	MER
Zeolite P1, (Na)	39- 219	GIS
Zeolite Phi	38- 261	ZZ9
Zeolite Pt	34- 524	GIS
Zeolite Q	24-1431	KFI
Zeolite Q'	24-1434	KFI
Zeolite Q, (Sr)	17- 756	YUG
Zeolite Q, (Sr)	18-1287	YUG
Zeolite R, (Sr)	17- 143	HEU
Zeolite Rb-M	30-1043	MER
Zeolite Rho, (Rb,Be,As)	45- 129	RHO
Zeolite SCS-15	48-1060	ZZ9
Zeolite SCS-17	48-1061	ZZ9
Zeolite SCS-18	48-1062	ZZ9
Zeolite SCS-19	48-1063	ZZ9
Zeolite SCS-20	48-1064	ZZ9
Zeolite SCS-21	48-1065	ZZ9
Zeolite SSZ-28	49- 915	ZZ9
Zeolite SSZ-28	49- 916	ZZ9
Zeolite SSZ-37	49- 927	ZZ4
Zeolite SSZ-37	49- 928	ZZ4
Zeolite Sigma-2	40-1498	SGT
Zeolite Sigma-2	42- 26	SGT
Zeolite Theta-1	38- 197	TON
Zeolite Theta-1	48- 23	TON
Zeolite Theta-1, (Ga)	43- 320	TON
Zeolite Theta-1, (Na,H)	37- 357	TON

Zeolite Name	PDF#	Structure Type Code
Zeolite ULM-5	49- 934	ZZ9
Zeolite Upsilon	43- 577	ZZ1
Zeolite V	39- 191	SOD
Zeolite X, (Ag)	38- 233	FAU
Zeolite X, (Ba)	38- 234	FAU
Zeolite X, (Ca)	38- 232	FAU
Zeolite X, (Ce)	38- 235	FAU
Zeolite X, (Gd)	43- 149	FAU
Zeolite X, (K)	28- 898	FAU
Zeolite X, (Li)	38- 236	FAU
Zeolite X, (NH4)	39- 139	FAU
Zeolite X, (Na)	38- 237	FAU
Zeolite X, (Na)	39- 218	FAU
Zeolite X, (Na)	41- 118	FAU
Zeolite X, (X)	28- 895	FAU
Zeolite Y	38- 238	FAU
Zeolite Y	38- 239	FAU
Zeolite Y	38- 240	FAU
Zeolite Y	40- 386	FAU
Zeolite Y (K,Ca)	46- 568	FAU
Zeolite Y, (K)	28- 893	FAU
Zeolite Y, (K)	28- 894	FAU
Zeolite Y, (K)	28- 896	FAU
Zeolite Y, (K)	28- 897	FAU
Zeolite Y, (K,NH4)	28- 899	FAU
Zeolite Y, (Na)	43- 168	FAU
Zeolite Y, (Na,Be,P)	45- 125	FAU
Zeolite Y, (Na,Mg,Be,P)	45- 127	FAU
Zeolite Y, dealuminated	45- 112	FAU
Zeolite Zh	16- 612	SOD
Zeolite-RHO	50-1678	RHO
ZnAPO-35	52-1506	LEV